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GENERAL INFORMATION

This Airport/Facility Directory is a Civil Flight Information Publication published and distributed every eight weeks by the National Aeronautical Charting Office, FAA, Department of Transportation, Silver Spring, Maryland 20910. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

This directory contains all open to the public airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this directory contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial-Intelligence Agency and is intended to provide reference data for military and/or joint civil/military airports. Not all military data contained in this publication is applicable to civil users.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

CRITICAL information such as equipment malfunction, abnormal field conditions, hazards to flight, etc., should be reported as soon as possible to the nearest FAA facility, either in person or by reverse charge telephone call.

FOR AIRPORT SUPPLEMENT REVISIONS FORM VISIT WEB SITE: <http://nfdc.faa.gov/portal/airportchanges.do>

FAA, Aeronautical Information Services, ATO-R, Rm. 626
800 Independence Ave., SW
Washington, DC 20591
Telephone 1-866-295-8236
Fax 202-267-5322
Email 9-ATOR-HQ-AIS-AIRPORTCHANGES@FAA.GOV

NOTICE: Changes must be received by the Aeronautical Information Services as soon as possible but not later than the "cut-off" dates listed below to assure publication on the desired effective date.

Effective Date	Airport Information Cut-off date	Airspace Information* Cut-off date
17 Dec 09	4 Nov 09	15 Oct 09
11 Feb 10	30 Dec 09	10 Dec 09
8 Apr 10	24 Feb 10	4 Feb 10
3 Jun 10	21 Apr 10	1 Apr 10
29 Jul 10	16 Jun 10	27 May 10
23 Sep 10	11 Aug 10	22 Jul 10

*Including changes to preferred routes and graphic depictions on charts.

FOR CHARTING ERRORS CONTACT:

FAA, National Aeronautical Charting Office, ATO-W
SSMC-4 Sta. #2335
1305 East West Highway
Silver Spring, MD 20910-3281
Telephone 1-800-626-3677
Email 9-AMC-Aerochart@faa.gov

Frequently asked questions (FAQs) are answered on our web site at www.naco.faa.gov.

See the FAQs prior to contact via toll free number.

FOR PROCUREMENT CONTACT:

FAA, National Aeronautical Charting Office
Distribution Division, ATO-W
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Email 9-AMC-Chartsales@faa.gov
Telephone 1-800-638-8972
Fax 301-436-6829
or any authorized FAA Chart Agent

New or Changed Information—To alert users of new information or changes to information from the previous issue, a vertical line will be portrayed in the outside margin and extending the full length of the new and/or revised data. This will not apply to the front cover or the airport/facility directory listing.

This Airport/Facility Directory comprises part of the following sections of the United States Aeronautical Information Publication (AIP): GEN, ENR and AD.

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ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example—"req" may mean "request", "requesting", "requested", or "requests").

AAF	Army Air Field	byd	beyond
AB	Airbase	C	Commercial Circuit (Telephone)
abv	above	CGAF	Coast Guard Air Facility
ACC	Air Combat Command; Area Control Center	CGAS	Coast Guard Air Station
acft	aircraft	CIV	Civil
ADCC	Air Defense Control Center	clsd	closed
AER	approach end rwy	comd	command
AFB	Air Force Base	CONUS	Continental United States
AFHP	Air Force Heliport	CSTMS	Customs
afld	airfield	ctc	contact
AFOD	US Army Flight Operations Detachment	cti	control
AFRC	Armed Forces Reserve Center/Air Force Reserve Command	dalgt	daylight
AFSS	Automated Flight Service Station	Dec	December
AG	Agriculture	DIAP	DoD Instrument Approach Procedure
A-GEAR	Arresting Gear	DoD	Department of Defense
AGL	above ground level	DSN	Defense Switching Network (Telephone)
AHP	Army heliport	dspld	displaced
ALS	Approach Light System	durn	duration
alt	altitude	eff	effective
AMC	Air Mobility Command	emerg	emergency
ANGS	Air National Guard Station	EOR	End of Runway
apch	approach	ETA	Estimated Time of Arrival
Apr	April	ETD	Estimated Time of Departure
APU	Auxiliary Power Unit	exc	except
ARB	Air Reserve Base	extd	extend
arpt	airport	FBO	fixed-base operator
ARS	Air Reserve Station	Feb	February
AS	Air Station	fld	field
ASDE-X	Airport Surface Detection Equipment—Model X	FLIP	Flight Information Publication
ASU	Aircraft Starting Unit	flt	flight
ATC	Air Traffic Control	flw	follow
Aug	August	Fri	Friday
AUW	All Up Weight (gross weight)	FSS	Flight Service Station
avbl	available	GA	glide angle
bcn	beacon	GCA	Ground Controlled Approach
blo	below	GS	glide slope
		haz	hazard
		HQ	Headquarters

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

hr	hour	npi	non precision instrument
IAP	Instrument Approach Procedure	NS ABTMT	Noise Abatement
ICAO	International Civil Aviation Organization	NSTD	nonstandard
IFR	Instrument Flight Rules	ntc	notice
ILS	Instrument Landing System	obsn	observation
IM	Inner Marker	Oct	October
IMG	Immigration	OLF	Outlying Field
incr	increase	opr	operate, operator, operational
indef	indefinite	ops	operations
ints	intensity	OTS	out of service
invo	in the vicinity of	ovrn	overrun
IMC	Instrument Meteorological Conditions	PAEW	personnel and equipment working
Jan	January	pat	pattern
JASU	Jet Aircraft Starting Unit	p-line	power line
JOAP	Joint Oil Analysis Program	PMSV	Pilot-to-Metro Service
JOSAC	Joint Operational Support Airlift Center	POL	Petrol, Oils and Lubricants
JRB	Joint Reserve Base	PPR	prior permission required
Jul	July	PRM	Precision Runway Monitoring
Jun	June	PTD	Pilot to Dispatcher
Kt	Knots	RAMCC	Regional Air Movement Control Center
LAA	Local Airport Advisory	req	request
LAHSO	Land and Hold Short Operations	rgt tfc	right traffic
lbs	pounds	RON	Remain Overnight
ldg	landing	rqr	require
lgt	lighted	rstd	restricted
lgts	lights	RSRS	reduced same runway separation
LMM	Compass locator at Middle Marker ILS	rw	runway
LOC	Localizer	Sat	Saturday
LOM	Compass locator at Outer Marker ILS	SELF	Strategic Expeditionary Landing Field
ltd	limited	Sep	September
MACC	Military Area Control Center	SFA	Single Frequency Approach
Mar	March	sfc	surface
MCAF	Marine Corps Air Facility	SFRA	Special Flight Rules Area
MCALF	Marine Corps Auxiliary Landing Field	SOAP	Spectrometric Oil Analysis Program
MCAS	Marine Corps Air Station	SOF	Supervisor of Flying
MCB	Marine Corps Base	SPB	Seaplane Base
med	medium	SR	sunrise
METRO	Pilot-to-Metro voice call	SS	sunset
Mil	military	std	standard
min	minute	Sun	Sunday
MLS	Microwave Landing System	svc	service
MM	Middle Marker of ILS	tfc	traffic
Mon	Monday	thld	threshold
MP	Maintenance Period	Thu	Thursday
MSL	mean sea level	tkf	take-off
MSAW	minimum safe altitude warning	tmp	temporary
NAAS	Naval Auxiliary Air Station	tran	transient
NADC	Naval Air Development Center	Tue	Tuesday
NADEP	Naval Air Depot	twr	tower
NAEC	Naval Air Engineering Center	twy	taxiway
NAES	Naval Air Engineering Station	UC	Under Construction
NAF	Naval Air Facility	USA	United States Army
NALCO	Naval Air Logistics Control Office	USAF	United States Air Force
NALO	Navy Air Logistics Office	USCG	United States Coast Guard
NALF	Naval Auxiliary Landing Field	USN	United States Navy
NAS	Naval Air Station	V	Defense Switching Network (telephone, formerly AUTOVON)
NAWC	Naval Air Warfare Center	VFR	Visual Flight Rules
NAWS	Naval Air Weapons Station	VIP	Very Important Person
ngt	night	VMC	Visual Meteorological Conditions
NOLF	Naval Outlying Field	Wed	Wednesday
Nov	November	wx	weather

DIRECTORY LEGEND

SAMPLE

① CITY NAME
 ② AIRPORT NAME (ALTERNATE NAME) (LTS) (KLTS) CIV/MIL 3 N UTC-6(-5DT) N34°41.93' W99°20.20' JACKSONVILLE
 ③ 200 B S4 FUEL 100 OX 1 TPA-1000(800) AOE Class IV, ARFF Index A NOTAM FILE ORL Not insp. COPTER
 ④ ⑤ ⑥ ⑦ ⑧ ⑨ H-46, L-19C IAP, DIAP, AD

⑩ RWY 18-36: H12004X200 (ASPH-CONC-GRVD)
 S-90, D-160, DT-300 PCN 80 R/B/W/T HIRL CL
 RWY 18: LDIN. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36'.
 Thld displcd 300'. Trees. Rgt tfc. 0.3% up.
 RWY 36: ALSF1. 0.4% down.
 RWY 09-27: H6000X150 (ASPH) MIRL
 RWY 173-353: H3515X150 (ASPH-PFC) AUW PCN 59 F/A/W/T

⑪ LAND AND HOLD SHORT OPERATIONS
 LANDING HOLD SHORT POINT DIST AVBL
 RWY 18 09-27 6500
 RWY 36 09-27 5400

⑫ RUNWAY DECLARED DISTANCE INFORMATION
 RWY 18: TORA-12004 TODA-12704 ASDA-11704 LDA-11504
 RWY 36: TORA-12004 TODA-12004 ASDA-12004 LDA-11704

⑬ ARRESTING GEAR/SYSTEM
 RWY 18 → HOOK E5 (65' OVRN) BAK-14 BAK-12B (1650')
 BAK-14 BAK-12 (B) (1087') HOOK E5 (74' OVRN) ← RWY 36

⑭ MILITARY SERVICE: A-GEAR E-5 connected on dep end, disconnected on
 apch end. JASU 3(AM32A-60) 2(A/M32A-86)

⑮ ⑯ FUEL J8(Mil) (NC-100, A) FLUID W SP PRESAIR LOX
 OIL O-128 TRAN ALERT Avbl 1300-0200Z†, svc limited weekends.

⑰ ⑱ AIRPORT REMARKS: Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200-0300Z†. Parachute
 Jumping. Deer invov arpt. Heavy jumbo jet training surface to 9000'. Twy A clsd indef. Flight Notification Service
 (ADCUS) avbl.

⑲ ⑳ MILITARY REMARKS: ANG PPR/Official Business Only. Base OPS DSN 638-4390, C503-335-4222. Ctc Base OPS 15
 minutes prior to ldg and after dep. Limited tran parking.

㉑ WEATHER DATA SOURCES: AWOS-1 120.3 (202) 426-8000. LLWAS.

㉒ COMMUNICATIONS: SFA ATIS 127.25 273.5 (202) 426-8003 UNICOM 122.95 PTD 372.2
 NAME FSS (ORL) on arpt. 123.65 122.65 122.2
 NAME RCO 112.2T 112.1R (NAME RADIO)
 ⑳ NAME APP/DEP CON 128.35 257.725 (1200-0400Z†)
 TOWER 119.65 255.6 (1200-0400Z†) GND CON 121.7 GCO 135.075 (ORLANDO CLNC) CLNC DEL 125.55
 NAME COMD POST (GERONIMO) 311.0 321.4 6761 PMSV METRO 239.8 NAME OPS 257.5

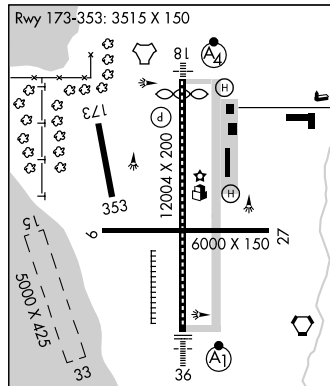
㉓ AIRSPACE: CLASS B See VFR Terminal Area Chart.

㉔ RADIO AIDS TO NAVIGATION: NOTAM FILE ORL. VHF/DF ctc FSS.
 (H) VORTAC 112.2 MCO Chan 59 N28°32.55' W81°20.12' at fld. 1110/8E.
 (H) TACAN Chan 29 CBU (109.2) N28°32.65' W81°21.12' at fld. 1115/8E.
 HERNY NDB (LOM) 221 OR N28°37.40' W81°21.05' 177° 5.4 NM to fld.
 ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
 ASR/PAR (1200-0400Z†)

㉕ COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
 HELIPAD H2: H60X60 (ASPH)
 HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.

187 TPA 1000(813)
 WATERWAY 15-33: 5000X425 (WATER)
 SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of
 arpt not visible from twr and are required to ctc twr.



All bearings and radials are magnetic unless otherwise specified.
 All mileages are nautical unless otherwise noted.

All times are Coordinated Universal Time (UTC) except as noted.

All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.

The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

10

SKETCH LEGEND

RUNWAYS/LANDING AREAS

Hard Surfaced	
Metal Surface	
Sod, Gravel, etc.	
Light Plane,	
Ski Landing Area or Water	
Under Construction	
Closed	
Helicopter Landings Area	
Displaced Threshold	
Taxiway, Apron and Stopways ..	

MISCELLANEOUS BASE AND CULTURAL FEATURES

Buildings	
Power Lines	
Fence	
Towers	
Tanks	
Oil Well	
Smoke Stack	
Obstruction	
Controlling Obstruction	
Trees	
Populated Places	
Cuts and Fills	
Cliffs and Depressions ..	
Ditch	
Hill	

RADIO AIDS TO NAVIGATION

VORTAC ...		VOR	
VOR/DME ..		NDB	
TACAN		NDB/DME	

MISCELLANEOUS AERONAUTICAL FEATURES

Airport Beacon	
Wind Cone	
Landing Tee	
Tetrahedron	
Control Tower	

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A1) Negative symbology, e.g., (A1) (V) indicates Pilot Controlled Lighting (PCL).

Runway Centerline Lighting	
(A) Approach Lighting System ALSF-2 ..	
(A1) Approach Lighting System ALSF-1 ..	
(A2) Short Approach Lighting System SALS/SALSF	
(A3) Simplified Short Approach Lighting System (SSALR) with RAIL	
(A4) Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF)	
(A5) Medium Intensity Approach Lighting System (MALSR) and RAIL	
(+) Omnidirectional Approach Lighting System (ODALS)	
(D) Navy Parallel Row and Cross Bar ..	
(F) Air Force Overrun	
(V) Visual Approach Slope Indicator with Standard Threshold Clearance provided	
(V2) Pulsating Visual Approach Slope Indicator (PVASI)	
(V3) Visual Approach Slope Indicator with a threshold crossing height to accommodate long bodied or jumbo aircraft	
(V4) Tri-color Visual Approach Slope Indicator (TRCV)	
(V5) Approach Path Alignment Panel (APAP)	
(P) Precision Approach Path Indicator (PAPI)	

LEGEND

This directory is a listing of data on record with the FAA on all open to the public airports, military facilities and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Joint civil/military and civil airports are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military facilities are listed alphabetically by state and official airport name and cross-referenced by associated city name. Nav aids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an open to the public airport in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the facility conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military and private use facilities published in this directory are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint civil/military airports and facilities in this directory are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code assigned to airports. ICAO codes will only be published at joint civil/military, and military facilities. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private use airports. The operating agency is shown for military, private use and joint civil/military airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	N	Navy
AF	US Air Force	NAF	Naval Air Facility
ANG	Air National Guard	NAS	Naval Air Station
AR	US Army Reserve	NASA	National Air and Space Administration
ARNG	US Army National Guard	P	US Civil Airport Wherein Permit Covers
CG	US Coast Guard		Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military	PVT	Private Use Only (Closed to the Public)
DND	Department of National Defense Canada		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 4 NE.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC-5(-4DT). The symbol ‡ indicates that during periods of Daylight Saving Time effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (-4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15-Aug 31 0630-1700Z, Sep 1-Apr 14 0600-1700Z.

7 GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

8 CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is located. Helicopter Chart locations will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be depicted as GOMW and GOMC.

9 INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAM

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5–4–5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each A/FD volume alphabetically by associated city and airport name.

10 AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbolology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top. Airport sketches will be added incrementally.

11 ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00'". When elevation is below sea level a minus "–" sign will precede the figure.

12 ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

13 SERVICING—CIVIL

S1: Minor airframe repairs.	S5: Major airframe repairs.
S2: Minor airframe and minor powerplant repairs.	S6: Minor airframe and major powerplant repairs.
S3: Major airframe and minor powerplant repairs.	S7: Major powerplant repairs.
S4: Major airframe and major powerplant repairs.	S8: Minor powerplant repairs.

14 FUEL

CODE	FUEL	CODE	FUEL
80	Grade 80 gasoline (Red)	B+	Jet B, Wide-cut, turbine fuel with FS-II*, FP** minus 50° C.
100	Grade 100 gasoline (Green)	J4 (JP4)	(JP–4 military specification) FP** minus 58° C.
100LL	100LL gasoline (low lead) (Blue)	J5 (JP5)	(JP–5 military specification) Kerosene with FS–11, FP** minus 46°C.
115	Grade 115 gasoline (115/145 military specification) (Purple)	J8 (JP8)	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, FP** minus 47°C.
A	Jet A, Kerosene, without FS–II*, FP** minus 40° C.	J8+100	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, FP** minus 47°C, with-fuel additive package that improves thermo stability characteristics of JP–8.
A+	Jet A, Kerosene, with FS–II*, FP** minus 40°C.	J	(Jet Fuel Type Unknown)
A1	Jet A–1, Kerosene, without FS–II*, FP** minus 47°C.	MOGAS	Automobile gasoline which is to be used as aircraft fuel.
A1+	Jet A–1, Kerosene with FS–II*, FP** minus 47° C.		
B	Jet B, Wide-cut, turbine fuel without FS–II*, FP** minus 50° C.		

*(Fuel System Icing Inhibitor)

**(Freeze Point)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

15 OXYGEN—CIVIL

OX 1 High Pressure	OX 3 High Pressure—Replacement Bottles
OX 2 Low Pressure	OX 4 Low Pressure—Replacement Bottles

16 TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

17 AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

US Customs Air and Sea Ports, Inspectors and Agents

Northeast Sector (New England and Atlantic States—ME to MD)

407-975-1740

Southeast Sector (Atlantic States—DC, WV, VA to FL)

407-975-1780

Central Sector (Interior of the US, including Gulf states—MS, AL, LA)

407-975-1760

Southwest East Sector (OK and eastern TX)

407-975-1840

Southwest West Sector (Western TX, NM and AZ)

407-975-1820

Pacific Sector (WA, OR, CA, HI and AK)

407-975-1800

18 CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

14 CFR PART 139 CERTIFICATED AIRPORTS AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

14 CFR—PART 139 CERTIFICATED AIRPORTS**INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS**

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90'	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H ₂ O
B	1 or 2	≥90', <126' ----- ≥126', <159'	≥5 ----- <5	Index A + 1500 gal H ₂ O
C	2 or 3	≥126', <159' ----- ≥159', <200'	≥5 ----- <5	Index A + 3000 gal H ₂ O
D	3	≥159', <200' ----- >200'	<5	Index A + 4000 gal H ₂ O
E	3	≥200'	≥5	Index A + 6000 gal H ₂ O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H₂O—Water; DC—Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

19 NOTAM SERVICE

All public use landing areas are provided NOTAM "D" (distant dissemination) and NOTAM "L" (local dissemination) service. Airport NOTAM file identifier is shown for individual airports, e.g. "NOTAM FILE IAD". See AIM, Basic Flight Information and

ATC Procedures for detailed description of NOTAM's. Current NOTAMS are available from Flight Service Stations at 1-800-WX-BRIEF. Real time Military NOTAMS are available using the DoD Internet NOTAM Distribution System (DINS) www.notams.jcs.mil.

20 FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

21 RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND LENGTH

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt-concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat	(GRVL)—Gravel, or cinders	(PSP)—Pierced steel plank
(ASPH)—Asphalt	(MATS)—Pierced steel planking, landing mats, membranes	(RFSC)—Rubberized friction seal coat
(CONC)—Concrete	(PEM)—Part concrete, part asphalt	(TURF)—Turf
(DIRT)—Dirt	(PFC)—Porous friction courses	(TRTD)—Treated
(GRVD)—Grooved		(WC)—Wire combed

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBTT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340-600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

- (1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.
- (2) The type of pavement:
 - R — Rigid
 - F — Flexible
- (3) The pavement subgrade category:
 - A — High
 - B — Medium
 - C — Low
 - D — Ultra-low
- (4) The maximum tire pressure authorized for the pavement:
 - W — High, no limit
 - X — Medium, limited to 217 psi
 - Y — Low, limited to 145 psi
 - Z — Very low, limited to 73 psi
- (5) Pavement evaluation method:
 - T — Technical evaluation
 - U — By experience of aircraft using the pavement

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.

LIRL—Low Intensity Runway Lights.

MIRL—Medium Intensity Runway Lights.

HIRL—High Intensity Runway Lights.

RAIL—Runway Alignment Indicator Lights.

REIL—Runway End Identifier Lights.

CL—Centerline Lights.

TDZL—Touchdown Zone Lights.

ODALS—Omni Directional Approach Lighting System.

AF OVRN—Air Force Overrun 1000' Standard Approach Lighting System.

LDIN—Lead-In Lighting System.

MALS—Medium Intensity Approach Lighting System.

MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.

MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.

SALS—Short Approach Lighting System.

SALSF—Short Approach Lighting System with Sequenced Flashing Lights.

SSALS—Simplified Short Approach Lighting System.

SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.

SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.

ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.

ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.

ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.

SF—Sequenced Flashing Lights.

OLS—Optical Landing System.

WAVE—OFF.

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the "Remarks" portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint civil/military airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.

PNIL APAP on left side of runway

PNIR APAP on right side of runway

PAPI—Precision Approach Path Indicator

P2L 2-identical light units placed on left side of runway

P4L 4-identical light units placed on left side of runway

P2R 2-identical light units placed on right side of runway

P4R 4-identical light units placed on right side of runway

PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.

PSIL PVASI on left side of runway

PSIR PVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L 2-box SAVASI on left side of runway

S2R 2-box SAVASI on right side of runway

TRCV—Tri-color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL TRCV on left side of runway

TRIR TRCV on right side of runway

VASI—Visual Approach Slope Indicator

V2L 2-box VASI on left side of runway

V6L 6-box VASI on left side of runway

V2R 2-box VASI on right side of runway

V6R 6-box VASI on right side of runway

V4L 4-box VASI on left side of runway

V12 12-box VASI on both sides of runway

V4R 4-box VASI on right side of runway

V16 16-box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., -GA 3.5° TCH 37'.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-Off)

Available systems will be indicated in the airport or military remarks, e.g., ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, "Basic Flight Information and ATC Procedures," for detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will only be provided for those airports with an approved FAA instrument approach procedure. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 21: Pole. Rgt tfc. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end.

LAND AND HOLD SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold-short operations and markings.

RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take-off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take-off.

TODA—Take-off Distance Available. The length of the take-off run available plus the length of the clearway, if provided.

ASDA—Accelerate-Stop Distance Available. The length of the take-off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

22 ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a-gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A-Gear which has a bi-direction capability and can be utilized for emergency approach end engagement is indicated by a (B). The direction of engaging device is indicated by an arrow. Up to 15 minutes advance notice may be required for rigging A-Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI-DIRECTIONAL CABLE (B)

<u>TYPE</u>	<u>DESCRIPTION</u>
BAK-9	Rotary friction brake.
BAK-12A	Standard BAK-12 with 950 foot run out, 1-inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK-12B	Extended BAK-12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK-14	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
H	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one-half seconds to fully raise the cable.)

UNI-DIRECTIONAL CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>
MB60	Textile brake—an emergency one-time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5-1/E5-3	Chain Type. At USN/USMC stations E-5 A-GEAR systems are rated, e.g., E-5 RATING-13R-1100 HW (DRY), 31L/R-1200 STD (WET). This rating is a function of the A-GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Military Service.

FOREIGN CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>US EQUIVALENT</u>
44B-3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E-5

UNI-DIRECTIONAL BARRIER

<u>TYPE</u>	<u>DESCRIPTION</u>
MA-1A	Web barrier between stanchions attached to a chain energy absorber.
BAK-15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK-15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

<u>TYPE</u>	<u>DESCRIPTION</u>
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

23 MILITARY SERVICE

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

24 JET AIRCRAFT STARTING UNITS (JASU)

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non-availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35-1-7.)

ELECTRICAL STARTING UNITS:

A/M32A-86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC-1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD-3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw

MD-4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire
AIR STARTING UNITS	
AM32-95	150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia
AM32A-95	150 +/- 5 lb/min @ 49 +/- 2 psia (35 +/- 2 psig)
LASS	150 +/- 5 lb/min @ 49 +/- 2 psia
MA-1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC-1	15 cfm, 3500 psia
MC-1A	15 cfm, 3500 psia
MC-2A	15 cfm, 200 psia
MC-11	8,000 cu in cap, 4000 psig, 15 cfm
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A-60*	AIR: 120 +/- 4 lb/min (1644 +/- 55 cfm) at 49 +/- 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A-60A	AIR: 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A-60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.	
USN JASU	
ELECTRICAL STARTING UNITS:	
NC-8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC-10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.
AIR STARTING UNITS:	
GTC-85/GTE-85	120 lbs/min @ 45 psi.
MSU-200NAV/A/U47A-5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
NCPP-105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.
JASU (ARMY)	
59B2-1B	28v, 7.5 kw, 280 amp.
OTHER JASU	
ELECTRICAL STARTING UNITS (DND):	
CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22-35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22-35v, 500 amp continuous 1100 amp intermittent soft start
AIR STARTING UNITS (DND):	
CA2	ASA 45.5 psig, 116.4 lb/min
COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)	
CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig
ELECTRICAL STARTING UNITS (OTHER)	
C-26	28v 45kw 115-200v 15kw 380-800 Hz 1 phase 2 wire
C-26-B, C-26-C	28v 45kw: Split Bus: 115-200v 15kw 380-800 Hz 1 phase 2 wire
E3	DC 28v/10kw
AIR STARTING UNITS (OTHER):	
A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA-1	150 Air HP, 115 lb/min 50 psia
MA-2	250 Air HP, 150 lb/min 75 psia
CARTRIDGE:	
MXU-4A	USAF

(25) FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into-Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into-Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into-Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into-Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into-Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at www.desc.dla.mil/Static/ProductsAndServices.asp; click on the Commercial Airports button.

See legend item 14 for fuel code and description.

(26) SUPPORTING FLUIDS AND SYSTEMS—MILITARY**CODE**

ADI	Anti-Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water-Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De-Ice	Anti-icing/De-icing/Defrosting Fluid (MIL-A-8243).
OXYGEN:	
LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
OXRB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.
NOTE: Combinations of above items is used to indicate complete oxygen servicing available;	
LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT	Low pressure nitrogen servicing.
HPNIT	High pressure nitrogen servicing.
LHNIT	Low and high pressure nitrogen servicing.

(27) OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
0-113	1065, Reciprocating Engine Oil (MIL-L-6082)
0-117	1100, Reciprocating Engine Oil (MIL-L-6082)
0-117+	1100, 0-117 plus cyclohexanone (MIL-L-6082)
0-123	1065, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type III)
0-128	1100, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type II)
0-132	1005, Jet Engine Oil (MIL-L-6081)
0-133	1010, Jet Engine Oil (MIL-L-6081)
0-147	None, MIL-L-6085A Lubricating Oil, Instrument, Synthetic
0-148	None, MIL-L-7808 (Synthetic Base) Turbine Engine Oil
0-149	None, Aircraft Turbine Engine Synthetic, 7.5c St
0-155	None, MIL-L-6086C, Aircraft, Medium Grade
0-156	None, MIL-L-23699 (Synthetic Base), Turboprop and Turboshaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

(28) TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn-around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute backup, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN-AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military

aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

29 AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

30 MILITARY REMARKS

Military Remarks published at a joint Civil/Military facility are remarks that are applicable to the Military. At Military Facilities all remarks will be published under the heading Military Remarks. Remarks contained in this section may not be applicable to civil users. The first group of remarks is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non-operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non-US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11-204, AR 95-27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on board are designated Code 6 or higher as explained in AFJMAN 11-213, AR 95-11, OPNAVINST 3722-8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

31 WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS-3 plus precipitation identification and intensity, and freezing rain occurrence (future enhancement).

AWOS—Automated Weather Observing System

AWOS-A—reports altimeter setting (all other information is advisory only).

AWOS-1—reports altimeter setting, wind data and usually temperature, dewpoint and density altitude.

AWOS-2—reports the same as AWOS-1 plus visibility.

AWOS-3—reports the same as AWOS-1 plus visibility and cloud/ceiling data.

See AIM, Basic Flight Information and ATC Procedures for detailed description of AWOS.

HIWAS—See RADIO AIDS TO NAVIGATION

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers. SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS, AWOS, or HIWAS followed by the frequency, identifier and phone number, if available.

32 COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in descending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Automatic Terminal Information Service (ATIS) and Aeronautical Advisory Stations (UNICOM) or (AUNICOM) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1-800-WX-BRIEF (1-800-992-7433). When the FSS is located on the field it will be indicated as "on aprt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available.

FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation. (See AIM, Para 4-1-9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90-42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies—Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

- a. 122.0 is assigned as the Enroute Flight Advisory Service frequency at selected FSS RADIO outlets.
- b. 122.2 is assigned as a common enroute frequency.
- c. 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
- d. 122.1 is the primary receive-only frequency at VOR's.
- e. Some FSS's are assigned 50 kHz frequencies in the 122-126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remote facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.

D-ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non-government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol **Ⓡ** indicates radar approach control.


TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four "key clicks" on the

VHF radio to contact the appropriate ATC facility or six "key clicks" to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol  indicates radar departure control.

CLNC DEL—Clearance Delivery.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control.

Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot-to-Metro Service call sign, frequency and hours of operation, when full service is other than continuous.

PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as "Wx obsn svc 1900-0000Z+" or "other times" may be used when no specific time is given. PMSV facilities manned by forecasters are considered "Full Service". PMSV facilities manned by weather observers are listed as "Limited Service".

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter "X" indicate frequency available on request.

AIRSPACE

Information concerning Class B, C, and part-time D and E surface area airspace shall be published with effective times.

Class D and E surface area airspace that is continuous as established by Rulemaking Docket will not be shown.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D). Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part-time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS E:

or

AIRSPACE: CLASS D svc "times" other times CLASS E.

When a part-time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700' or 1200' AGL. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS G, with CLASS E 700' (or 1200') AGL & abv:

or

AIRSPACE: CLASS D svc "times" other times CLASS G with CLASS E 700' (or 1200') AGL & abv:

or

AIRSPACE: CLASS E svc "times" other times CLASS G with CLASS E 700' (or 1200') AGL & abv.

NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part-time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part-time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.

Class E 700' AGL (shown as magenta vignette on sectional charts) and 1200' AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700'/1200' AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

CONTINUED FROM PRECEDING PAGE

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB _____	Automatic Weather Broadcast.
DF _____	Direction Finding Service.
DME _____	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y) _____	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS _____	Glide slope.
H _____	Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH _____	Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H-SAB _____	Non-directional radio beacons providing automatic transcribed weather service.
ILS _____	Instrument Landing System (voice, where available, on localizer channel).
IM _____	Inner marker.
ISMLS _____	Interim Standard Microwave Landing System.
LDA _____	Localizer Directional Aid.
LMM _____	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM _____	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH _____	Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MLS _____	Microwave Landing System.
MM _____	Middle marker.
OM _____	Outer marker.
S _____	Simultaneous range homing signal and/or voice.
SABH _____	Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF _____	Simplified Direction Facility.
TACAN _____	UHF navigational facility-omnidirectional course and distance information.
VOR _____	VHF navigational facility-omnidirectional course only.
VOR/DME _____	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC _____	Collocated VOR and TACAN navigational facilities.
W _____	Without voice on radio facility frequency.
Z _____	VHF station location marker at a LF radio facility.

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance
Classification Code

FREQUENCY PAIRING PLAN AND MLS CHANNELING

MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL
500	108.10	18X	568	109.45	31Y	636	114.15	88Y
502	108.30	20X	570	109.55	32Y	638	114.25	89Y
504	108.50	22X	572	109.65	33Y	640	114.35	90Y
506	108.70	24X	574	109.75	34Y	642	114.45	91Y
508	108.90	26X	576	109.85	35Y	644	114.55	92Y
510	109.10	28X	578	109.95	36Y	646	114.65	93Y
512	109.30	30X	580	110.05	37Y	648	114.75	94Y
514	109.50	32X	582	110.15	38Y	650	114.85	95Y
516	109.70	34X	584	110.25	39Y	652	114.95	96Y
518	109.90	36X	586	110.35	40Y	654	115.05	97Y
520	110.10	38X	588	110.45	41Y	656	115.15	98Y
522	110.30	40X	590	110.55	42Y	658	115.25	99Y
524	110.50	42X	592	110.65	43Y	660	115.35	100Y
526	110.70	44X	594	110.75	44Y	662	115.45	101Y
528	110.90	46X	596	110.85	45Y	664	115.55	102Y
530	111.10	48X	598	110.95	46Y	666	115.65	103Y
532	111.30	50X	600	111.05	47Y	668	115.75	104Y
534	111.50	52X	602	111.15	48Y	670	115.85	105Y
536	111.70	54X	604	111.25	49Y	672	115.95	106Y
538	111.90	56X	606	111.35	50Y	674	116.05	107Y
540	108.05	17Y	608	111.45	51Y	676	116.15	108Y
542	108.15	18Y	610	111.55	52Y	678	116.25	109Y
544	108.25	19Y	612	111.65	53Y	680	116.35	110Y
546	108.35	20Y	614	111.75	54Y	682	116.45	111Y
548	108.45	21Y	616	111.85	55Y	684	116.55	112Y
550	108.55	22Y	618	111.95	56Y	686	116.65	113Y
552	108.65	23Y	620	113.35	80Y	688	116.75	114Y
554	108.75	24Y	622	113.45	81Y	690	116.85	115Y
556	108.85	25Y	624	113.55	82Y	692	116.95	116Y
558	108.95	26Y	626	113.65	83Y	694	117.05	117Y
560	109.05	27Y	628	113.75	84Y	696	117.15	118Y
562	109.15	28Y	630	113.85	85Y	698	117.25	119Y
564	109.25	29Y	632	113.95	86Y			
566	109.35	30Y	634	114.05	87Y			

FREQUENCY PAIRING PLAN AND MLS CHANNELING

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels and MLS channels.

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
2X	134.5	-	19Y	108.25	544	25X	108.80	-
2Y	134.55	-	20X	108.30	502	25Y	108.85	556
11X	135.4	-	20Y	108.35	546	26X	108.90	508
11Y	135.45	-	21X	108.40	-	26Y	108.95	558
12X	135.5	-	21Y	108.45	548	27X	109.00	-
12Y	135.55	-	22X	108.50	504	27Y	109.05	560
17X	108.00	-	22Y	108.55	550	28X	109.10	510
17Y	108.05	540	23X	108.60	-	28Y	109.15	562
18X	108.10	500	23Y	108.65	552	29X	109.20	-
18Y	108.15	542	24X	108.70	506	29Y	109.25	564
19X	108.20	-	24Y	108.75	554	30X	109.30	512

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
30Y	109.35	566	63X	133.60	-	95Y	114.85	650
31X	109.40	-	63Y	133.65	-	96X	114.90	-
31Y	109.45	568	64X	133.70	-	96Y	114.95	652
32X	109.50	514	64Y	133.75	-	97X	115.00	-
32Y	109.55	570	65X	133.80	-	97Y	115.05	654
33X	109.60	-	65Y	133.85	-	98X	115.10	-
33Y	109.65	572	66X	133.90	-	98Y	115.15	656
34X	109.70	516	66Y	133.95	-	99X	115.20	-
34Y	109.75	574	67X	134.00	-	99Y	115.25	658
35X	109.80	-	67Y	134.05	-	100X	115.30	-
35Y	109.85	576	68X	134.10	-	100Y	115.35	660
36X	109.90	518	68Y	134.15	-	101X	115.40	-
36Y	109.95	578	69X	134.20	-	101Y	115.45	662
37X	110.00	-	69Y	134.25	-	102X	115.50	-
37Y	110.05	580	70X	112.30	-	102Y	115.55	664
38X	110.10	520	70Y	112.35	-	103X	115.60	-
38Y	110.15	582	71X	112.40	-	103Y	115.65	666
39X	110.20	-	71Y	112.45	-	104X	115.70	-
39Y	110.25	584	72X	112.50	-	104Y	115.75	668
40X	110.30	522	72Y	112.55	-	105X	115.80	-
40Y	110.35	586	73X	112.60	-	105Y	115.85	670
41X	110.40	-	73Y	112.65	-	106X	115.90	-
41Y	110.45	588	74X	112.70	-	106Y	115.95	672
42X	110.50	524	74Y	112.75	-	107X	116.00	-
42Y	110.55	590	75X	112.80	-	107Y	116.05	674
43X	110.60	-	75Y	112.85	-	108X	116.10	-
43Y	110.65	592	76X	112.90	-	108Y	116.15	676
44X	110.70	526	76Y	112.95	-	109X	116.20	-
44Y	110.75	594	77X	113.00	-	109Y	116.25	678
45X	110.80	-	77Y	113.05	-	110X	116.30	-
45Y	110.85	596	78X	113.10	-	110Y	116.35	680
46X	110.90	528	78Y	113.15	-	111X	116.40	-
46Y	110.95	598	79X	113.20	-	111Y	116.45	682
47X	111.00	-	79Y	113.25	-	112X	116.50	-
47Y	111.05	600	80X	113.30	-	112Y	116.55	684
48X	111.10	530	80Y	113.35	620	113X	116.60	-
48Y	111.15	602	81X	113.40	-	113Y	116.65	686
49X	111.20	-	81Y	113.45	622	114X	116.70	-
49Y	111.25	604	82X	113.50	-	114Y	116.75	688
50X	111.30	532	82Y	113.55	624	115X	116.80	-
50Y	111.35	606	83X	113.60	-	115Y	116.85	690
51X	111.40	-	83Y	113.65	626	116X	116.90	-
51Y	111.45	608	84X	113.70	-	116Y	116.95	692
52X	111.50	534	84Y	113.75	628	117X	117.00	-
52Y	111.55	610	85X	113.80	-	117Y	117.05	694
53X	111.60	-	85Y	113.85	630	118X	117.10	-
53Y	111.65	612	86X	113.90	-	118Y	117.15	696
54X	111.70	536	86Y	113.95	632	119X	117.20	-
54Y	111.75	614	87X	114.00	-	119Y	117.25	698
55X	111.80	-	87Y	114.05	634	120X	117.30	-
55Y	111.85	616	88X	114.10	-	120Y	117.35	-
56X	111.90	538	88Y	114.15	636	121X	117.40	-
56Y	111.95	618	89X	114.20	-	121Y	117.45	-
57X	112.00	-	89Y	114.25	638	122X	117.50	-
57Y	112.05	-	90X	114.30	-	122Y	117.55	-
58X	112.10	-	90Y	114.35	640	123X	117.60	-
58Y	112.15	-	91X	114.40	-	123Y	117.65	-
59X	112.20	-	91Y	114.45	642	124X	117.70	-
59Y	112.25	-	92X	114.50	-	124Y	117.75	-
60X	133.30	-	92Y	114.55	644	125X	117.80	-
60Y	133.35	-	93X	114.60	-	125Y	117.85	-
61X	133.40	-	93Y	114.65	646	126X	117.90	-
61Y	133.45	-	94X	114.70	-	126Y	117.95	-
62X	133.50	-	94Y	114.75	648			
62Y	133.55	-	95X	114.80	-			

(35) COMM/NAV/WEATHER REMARKS:

These remarks consist of pertinent information affecting the current status of communications, NAVAIDs and weather.

ABERDEEN MUNI (U36) 2 SW UTC-7(-6DT) N42°55.27' W112°52.85'SALT LAKE CITY
L-11C

4470 B NOTAM FILE BOI

RWY 06-24: H3650X50 (ASPH) MIRL

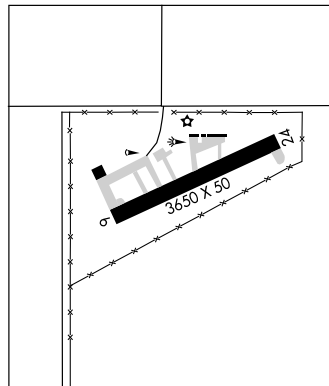
RWY 06: Road. RWY 24: Fence.

AIRPORT REMARKS: Attended irregularly Mon-Sat dalgt hrs.

Considerable agriculture ops during growing season. Irregular winter maintenance. +30' sprinkler and terrain at 230' from southwest end of rwy may be in position. Rwy 24 + 50' tree at 400', 125' left. ACTIVATE MIRL Rwy 06-24-CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PIH.

POCATELLO (H) VORTACW 112.6 PIH Chan 73 N42°52.22'
W112°39.13' 270° 10.5 NM to fld. 4433/17E.

**ALLEN H TIGERT** (See SODA SPRINGS)**AMERICAN FALLS** (U01) 2 NE UTC-7(-6DT) N42°47.84' W112°49.51'SALT LAKE CITY
L-11C

4419 B S4 FUEL 100LL, JET A NOTAM FILE BOI

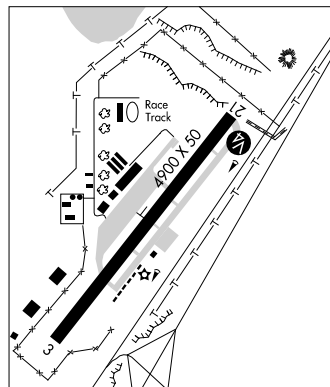
RWY 03-21: H4900X50 (ASPH) MIRL

RWY 03: Fence. RWY 21: TRCV(TRIL)-GA 3.5° TCH 24'. Hill.

AIRPORT REMARKS: Attended 1500-0100Z+. Ultralight, agriculture acft and helicopter ops during summer months. No line of sight between rwy ends. Irregular snow removal. ACTIVATE MIRL Rwy 03-21 and TRCV Rwy 21-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE PIH.

POCATELLO (H) VORTACW 112.6 PIH Chan 73 N42°52.22'
W112°39.13' 223° 8.8 NM to fld. 4433/17E.

**ANTELOPE VALLEY** (See GROUSE)

ARCO—BUTTE CO (AOC) 3 SW UTC-7(-6DT) N43°36.21' W113°20.06'

SALT LAKE CITY

5332 B S2 NOTAM FILE BOI

H-3D, L-11C

RWY 06-24: H6600X75 (ASPH) S-300 MIRL

IAP

RWY 06: REIL. PAPI (P2L)—GA 3.0° TCH 40'.

RWY 24: REIL. PAPI (P2L)—GA 3.0° TCH 40'. P-line.

AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.

POCATELLO (H) VORTACW 112.6 PIH Chan 73 N42°52.22'

W112°39.13' 309° 53.2 NM to fld. 4433/17E.

NDB (MHW) 200 AOC N43°35.94' W113°20.53' at fld.

NOTAM FILE BOI. SHUTDOWN.

NDB unusable:

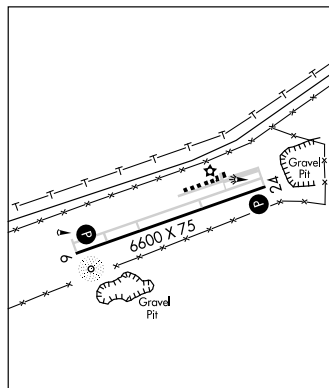
030°-121° byd 25 NM

122° byd 33 NM

123°-220° byd 25 NM

270°-030° byd 5 NM

220°-270° byd 10 NM



ASHTON N44°33.75' W111°26.68'

SALT LAKE CITY

RCD 123.625 (BOISE RADIO)

L-13C

ATLANTA

ATLANTA (55H) 1 NW UTC-7(-6DT) N43°48.81' W115°08.10'

SALT LAKE CITY

5500 NOTAM FILE BOI

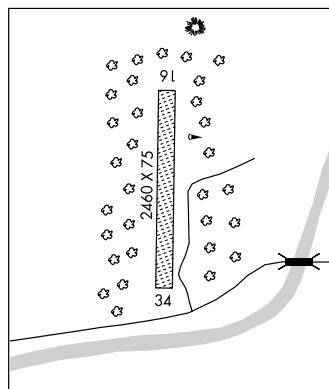
RWY 16-34: 2460X75 (TURF-DIRT)

RWY 16: Tree. RWY 34: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. No winter maintenance. Recommended for use by mountain proficient pilots using high performance aircraft. Arpt is located in mountainous area; high timbered ridges limit maneuvering area. Land Rwy 34, depart Rwy 16. Approach up Boise River making right circling pattern over valley to check traffic at Greene arpt. Depart with right turnout down Boise River.

Announce Intentions on 122.9. No go-around due to rising terrain and trees. Rwy 16-34 edges and Rwy 34 thld marked with white rocks. Rwy 16 thld not defined. Ground vehicle traffic has access to rwy. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9



GRAHAM USFS (U45) 11 NW UTC-7(-6DT) N43°57.31' W115°16.36'

SALT LAKE CITY

5726 NOTAM FILE BOI

RWY 18-36: 2900X50 (TURF-GRVL)

RWY 18: Trees. RWY 36: Road.

AIRPORT REMARKS: Unattended. Big game animals on and in vicinity of arpt. No winter maintenance. Recommend Idg Rwy 36; txf Rwy 18 when wind conditions allow. No line of sight between rwy ends. Rwy 18-36 lower one third of rwy soft and unusable during early spring. Rwy 18-36 thlds marked with rocks. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

WEATHERBY USFS (52U) 9 NW UTC-7(-6DT) N43°49.49' W115°19.91' **SALT LAKE CITY**
 4494 NOTAM FILE BOI
RWY 03-21: 2200X60 (TURF-GRVL)
RWY 03: Tree. **RWY 21:** Trees.
AIRPORT REMARKS: Unattended. No winter maintenance. Arpt located in narrow river canyon subject to local turbulence caused by the terrain configuration. Recommended ldg Rwy 03; tkf Rwy 21 when wind conditions allow. Rwy 03-21 thlds and edges marked with unpainted rocks. No telephone avbl at arpt.
COMMUNICATIONS: CTAF 122.9

ATOMIC CITY

BIG SOUTHERN BUTTE (U46) 10 W UTC-7(-6DT) N43°25.96' W113°03.33' **SALT LAKE CITY**
 5073 NOTAM FILE BOI
RWY 01-19: 2600X110 (DIRT)
RWY 01: Ground. **RWY 19:** Road.
AIRPORT REMARKS: Unattended. Livestock on and in vicinity of arpt. Rwy 01-19 surface may be poor due to damage by livestock, ground vehicles and rodents. Rwy 01-19 +1.5' berm and -1' ditch adjacent to entire perimeter of rwy. No winter maintenance. Rwy 01-19 edges and thlds marked with white rock.
COMMUNICATIONS: CTAF 122.9

COXS WELL (U48) 23 SW UTC-7(-6DT) N43°13.07' W113°13.65' **SALT LAKE CITY**
 5034 NOTAM FILE BOI
RWY 08-26: 2700X100 (TURF)
RWY 08: Road. **RWY 26:** Fence.
AIRPORT REMARKS: Unattended. Rwy 08-26 surface may be poor due to damage by livestock, ground vehicles and rodents. No winter maintenance. Rwy 08-26 edges and thlds marked with white rock.
COMMUNICATIONS: CTAF 122.9

MIDWAY (U37) 1 N UTC-7(-6DT) N43°27.22' W112°48.44' **SALT LAKE CITY**
 5017 NOTAM FILE BOI
RWY 02-20: 3800X175 (GRVL-DIRT)
RWY 02: Road. **RWY 20:** Road.
AIRPORT REMARKS: Unattended. No winter maintenance. First 1500' of Rwy 02 is dirt, remainder is gravel. Rwy 02-20 edges and thlds marked with white rocks.
COMMUNICATIONS: CTAF 122.9

BANCROFT MUNI (U51) 1 E UTC-7(-6DT) N42°43.25' W111°52.05' **SALT LAKE CITY**
 5435 NOTAM FILE BOI
RWY 07-25: 3280X30 (GRVL)
RWY 07: Road.
AIRPORT REMARKS: Unattended. CAUTION: Unmarked turf crosswind landing area located SE adjacent to rwy. No winter maintenance.
COMMUNICATIONS: CTAF 122.9

BEAR LAKE CO (See PARIS)

BEAR TRAP (See MINIDOKA)

BERNARD USFS (U54) 0 NE UTC-7(-6DT) N44°58.78' W114°44.09' **GREAT FALLS**
 3626 NOTAM FILE BOI
RWY 17-35: 1900X150 (TURF-DIRT)
RWY 17: Hill. **RWY 35:** Hill.
AIRPORT REMARKS: Unattended. No winter maintenance. Land Rwy 35, tkf Rwy 17, no touch and go landing or stop and go ldgs. Go arounds not recommended due to steep rising terrain off N end of Rwy 17. Rwy 17-35 rwy edges and thresholds marked with white rock markers. Flying B arpt located ½ mile upstream. No telephone avbl at arpt.
COMMUNICATIONS: CTAF 122.9

BIG CREEK (U60) 0 NE UTC-7(-6DT) N45°07.99' W115°19.31'

GREAT FALLS

5743 NOTAM FILE BOI

RWY 01-19: 3550X110 (TURF)

RWY 01: Road.

RWY 19: Trees.

AIRPORT REMARKS: Unattended. Big game animals on and in vicinity of arpt. Open to ski equipped acft in winter; acft use sides of strip during ski operations. Recommend land to south, takeoff to north when conditions allow. No winter maintenance. Be alert for sprinklers on rwy. Rwy 01-19 edges and thlds marked with white rock. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

BIG CREEK RANGER STATION**CABIN CREEK USFS** (U08) 17 E UTC-7(-6DT) N45°08.61' W114°55.74'

GREAT FALLS

4289 NOTAM FILE BOI

RWY 02-20: 1750X40 (TURF-DIRT)

RWY 02: Tree.

RWY 20: Hill.

AIRPORT REMARKS: Unattended. Big game animals and livestock on and in vicinity of rwy. Land Rwy 02, takeoff Rwy 20, go around not possible due to high terrain at end of Rwy 20. Rwy 02-20 15' wide bare dirt strip down center of rwy. No telephone avbl at arpt. Rubber water bar strips on rwy.

COMMUNICATIONS: CTAF 122.9

BIG SOUTHERN BUTTE (See ATOMIC CITY)**BLACKFOOT****McCARLEY FLD** (U02) 1 N UTC-7(-6DT) N43°12.74' W112°20.80'

SALT LAKE CITY

4488 B S4 FUEL 100LL, JET A NOTAM FILE BOI

L-11C

RWY 01-19: H4314X75 (ASPH) S-12.5 MIRL

IAP

RWY 01: PAPI(P2L)—GA 3.0° TCH 40'. Fence.

RWY 19: PAPI(P2L)—GA 3.0° TCH 37'. Tree.

AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z±. Considerable air ground ops during growing season.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.

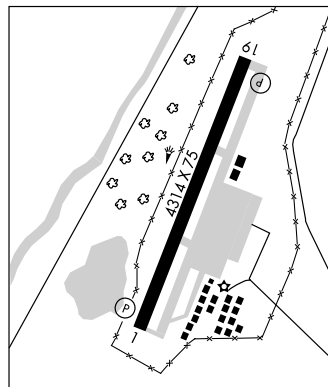
POCATELLO (H) VORTACW 112.6 PIH Chan 73 N42°52.22'

W112°39.13' 016° 24.3 NM to fld. 4433/17E.

IDAHO FALLS (H) VORW/DME 113.85 IDA Chan 85(Y)

N43°31.14' W112°03.84' 199° 22.4 NM to fld.

4724/15E. NOTAM FILE IDA.

**BLISS** N42°54.99' W114°47.05'.

SALT LAKE CITY

RCO 122.4 (BOISE RADIO)

L-11C

BOISE AIR TERMINAL (GOWEN FLD) (BOI) 3 S UTC-7(-6DT) N43°33.86' W116°13.37' SALT LAKE CITY
 2871 B S2 FUEL 100LL, JET A1 + OX 1, 3 AOE Class I, ARFF Index B H-1C, 3C, L-11B
 NOTAM FILE BOI IAP, AD

RWY 10L-28R: H10000X150 (ASPH-GRVD) S-100, D-210, ST-175, DT-446, DDT-947 HIRL

RWY 10L: REIL. VASI(V4L)—GA 3.0° TCH 53'. Antenna. 0.5% up.

RWY 28R: VASI(V4L)—GA 3.0° TCH 52'. Rgt tfc. 0.3% down.

RWY 10R-28L: H9763X150 (ASPH-PFC) S-100, D-210, ST-175, DT-430, DDT-994 HIRL CL

RWY 10R: SSALR. TDZL. VASI(V4L)—GA 3.0° TCH 55'. Rgt tfc. 0.5% up.

RWY 28L: MALSR. TDZL. VASI(V4L)—GA 3.0° TCH 50'.

AIRPORT REMARKS: Attended continuously. Extensive copter operations surface to 3500' within 1 NM E and W and 5 NM S of Rwy 10R-28L. Moderate migratory bird activity within 5 NM of the arpt Oct-Mar. Security requires PPR with fixed base operator due to locked gates and fencing between hours 0500-1400Z† for ingress/egress to arpt. Portions of Twy A and the northwest ramp not visible to twr. Do not use Twy Z for tkf roll on Rwy 10L. Rwy 28R midfield runway visual range avbl. Rwy 10R and Rwy 28L touchdown runway visual range avbl. Rwy 10R rollout runway visual range avbl. Flight Notification Service (ADCUS) available Mon-Fri 1500-0000Z†, weekends if notified by Thur 0000Z†.

WEATHER DATA SOURCES: ASOS (208) 388-4640

COMMUNICATIONS: D-ATIS 123.9 UNICOM 122.95

BOISE RCO 122.6 122.2 (BOISE RADIO)

® **APP/DEP CON 126.9** (North) 119.6 (South)

TOWER 118.1 119.0 GND CON 121.7 CLNC DEL 125.9

AIRSPACE: CLASS C svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

(H) **VORTACW 113.3** BOI Chan 80 N43°33.17' W116°11.53' 281° 1.5 NM to fld. 2876/17E.

VOR portion unusable:

001°-044° byd 22 NM blo 11,000'

001°-044° byd 32 NM blo 14,500'

045°-071° byd 32 NM blo 12,500'

072°-084° byd 32 NM blo 10,500'

DME portion unusable:

010°-060° byd 12 NM blo 13,000'

010°-060° byd 27 NM blo 15,500'

348°-010° byd 20 NM blo 13,000'

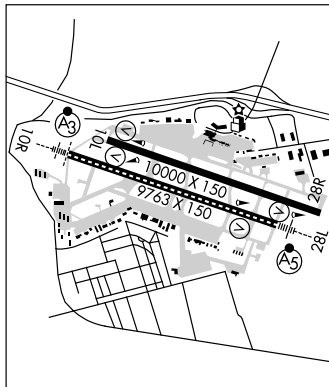
348°-010° byd 27 NM blo 15,500'

113°-155° byd 30 NM blo 7,000'

USTIK NDB (HW/LOM) 359 BO N43°35.81' W116°18.91' 099° 4.5 NM to fld.

ILS/DME 110.15 I-AAD Chan 38(Y) Rwy 28R. DME unusable byd 10 NM blo 6000', byd 12 NM blo 5500', byd 13 NM blo 6200', byd 16 NM blo 6000'. GS unusable byd 6 NM blo 4700'. LOC unusable byd 10 NM blo 6000', byd 12 NM blo 5500', byd 13 NM blo 6200', byd 16 NM blo 6000', byd 20° right of course

ILS/DME 111.1 I-BOI Chan 48 Rwy 10R. Class IIE. LOM USTIK NDB. Localizer backcourse unusable byd 10° north and south side of course. Localizer backcourse unusable byd 10 NM blo 5900' and byd 15.1 NM blo 6800'.



BONNERS FERRY**BOUNDARY CO** (65S) 2 NE UTC-8(-7DT) N48°43.56' W116°17.71'

GREAT FALLS

L-13B

2337 B S3 FUEL 100LL, JET A NOTAM FILE BOI

RWY 02-20: H4002X75 (ASPH) S-25 MIRL

RWY 20: VASI(V2L)—GA 4.0° TCH 31'. Road.

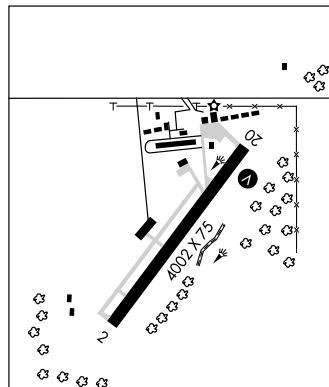
AIRPORT REMARKS: Attended Mon-Sat 1600-0100Z†, Sun 1600-2100Z†. ACTIVATE MIRL Rwy 02-20, VASI Rwy 20—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 47°27.42'

W115°38.76' 321° 80.5 NM to fld. 6100/20E. HIWAS.

**BOUNDARY CO** (See BONNERS FERRY)**BROOKS SPB** (See COEUR D'ALENE)**BRUCE MEADOWS** (See STANLEY)**BUHL MUNI** (UØ3) 2 W UTC-7(-6DT) N42°35.49' W114°47.80'

SALT LAKE CITY

L-11C

3660 B S4 FUEL 100LL, MOGAS NOTAM FILE BOI

RWY 09-27: H3900X60 (ASPH) S-12.5 LIRL

RWY 09: P-line. RWY 27: Hiil.

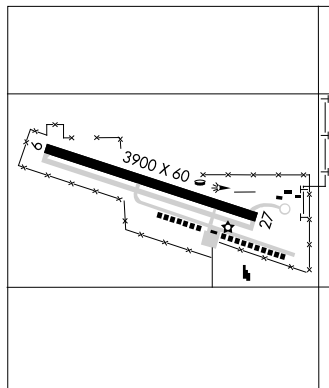
AIRPORT REMARKS: Attended Tue-Sat 1530-0000Z†. Phone 208-543-8539 for svc when arpt unattended. Limit acft on Twy B and Twy C to 50' wingspan. ACTIVATE LIRL Rwy 09-27—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.

TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79'

W114°29.37' 278° 15.2 NM to fld. 4140/18E.

**BURLEY** N42°34.82' W113°51.95' NOTAM FILE BYI.

SALT LAKE CITY

H-3C, L-11C

(L) VORW/DME 114.1 BYI Chan 88 100° 4.8 NM to Burley Muni. 4230/18E.

VOR/DME unusable

120°-150° byd 30 NM blo 15,000'

210°-230° byd 29 NM blo 11,000'

210°-230° byd 10 NM blo 7,000'

210°-230° byd 34 NM blo 13,000'

210°-230° byd 23 NM blo 8,800'

BURLEY MUNI (BYI) 1 NE UTC-7(-6DT) N42°32.56' W113°46.29'

SALT LAKE CITY

4150 B S4 FUEL 100LL, JET A OX 2 NOTAM FILE BYI

L-11C

RWY 02-20: H4094X80 (ASPH) S-12.5, D-12.5 MIRL 0.3% up SW

IAP

RWY 02: VASI(V4L)—GA 3.5° TCH 40'. Thld dspcd 620'. Road.

RWY 20: REIL. VASI(V2R)—GA 3.0° TCH 24'. Thld dspcd 300'.

Trees.

RWY 06-24: H4067X75 (ASPH) S-23 MIRL

RWY 06: Thld dspcd 410'. Railroad.

RWY 24: VASI(V2R)—GA 3.0° TCH 47'. Poles.

AIRPORT REMARKS: Attended sunrise to sunset. Birds in vicinity of all rws, especially apch end Rwy 20 and apch end Rwy 24.

Agricultural activity between rwy and twy Apr thru Oct. Marked helipad on ramp in front of FBO building. ACTIVATE MIRL Rwy 02-20 and Rwy 06-24—CTAF. VASI Rwy 02, Rwy 20 and Rwy 24 opr continuously.

WEATHER DATA SOURCES: ASOS 135.575 (208) 677-3604.**COMMUNICATIONS:** CTAF 122.9

CONNERS RCO 122.05 (BOISE RADIO)

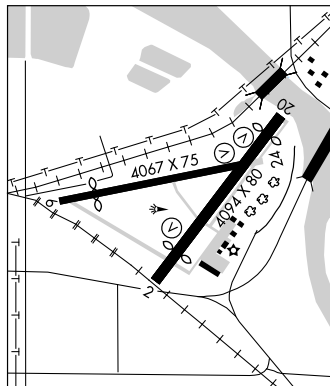
TWIN FALLS APP/DEP CON 126.7 (1300-0400Z‡)

SALT LAKE CENTER APP/DEP CON 118.05 (0400-1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE BYI.

(L) VORW/DME 114.1 BYI Chan 88 N42°34.82'

W113°51.95' 100° 4.8 NM to fld. 4230/18E.

**CABIN CREEK USFS** (See BIG CREEK RANGER STATION)**CALDWELL INDUSTRIAL** (EUL) 3 SE UTC-7(-6DT) N43°38.51' W116°38.15'

SALT LAKE CITY

2432 B S4 FUEL 100LL, JET A NOTAM FILE EUL

H-1C, L-11B

RWY 12-30: H5500X100 (ASPH) S-72, D-86, ST-109 MIRL

IAP

RWY 12: PAPI(P4L)—GA 3.0° TCH 42'. Road.

RWY 30: PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.

AIRPORT REMARKS: Attended Mar-Oct 1500-0200Z‡, Nov-Feb 1500-0000Z‡. Parachute Jumping. + 363' radio tower located 1.4 miles north of arpt. General aviation acft use inner twy, outer twy reserved for helicopters. PAPI Rwy 12 and Rwy 30 opr continuously. MIRL Rwy 12-30 ACTIVATE—CTAF.**WEATHER DATA SOURCES:** AWOS-3 135.075 (208) 454-3953.**COMMUNICATIONS:** CTAF/UNICOM 122.7

SQUAW BUTTE RCO 122.45 (BOISE RADIO)

® BOISE APP/DEP CON 119.6

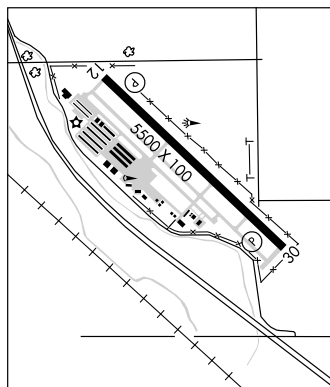
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17'

W116°11.53' 269° 20.1 NM to fld. 2876/17E.

MERIDIAN NDB (MHW) 238 MPA N43°36.20' W116°32.34'

283° 4.8 NM to fld.

**CAMAS CO** (See FAIRFIELD)**CAREY** (U65) 0 E UTC-7(-6DT) N43°18.53' W113°56.16'

SALT LAKE CITY

4783 NOTAM FILE BOI

RWY 07-25: 2650X170 (TURF)

RWY 07: Fence. RWY 25: Fence.

AIRPORT REMARKS: Unattended. Recommend land Rwy 25, tkf Rwy 07 when wind conditions permit. Be alert for sprinklers on rwy. Rwy 07-25 edges and thlds marked with concrete markers.**COMMUNICATIONS:** CTAF 122.9

CASCADE (U70) 2 SE UTC-7(-6DT) N44°29.54' W116°00.89'

SALT LAKE CITY

4742 B S6 FUEL 100LL, JET A OX 2 NOTAM FILE BOI

L-13B

RWY 12-30: H4300X60 (ASPH) S-12.5 MIRL

RWY 30: Fence. Rgt tfc.

AIRPORT REMARKS: Attended Dec-Apr 1600-0000Z†, May-Nov

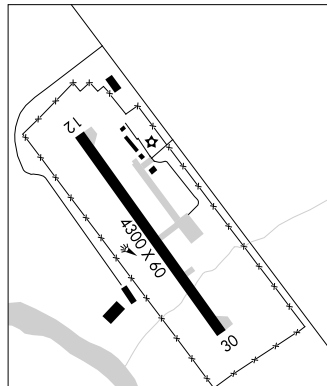
1500-0100Z†. To avoid apch/dep over town; land Rwy 30 and dep Rwy 12 when wind conditions permit. Rwy 12 and Rwy 30 rwy numbers and centerline not visible. Retro reflective reflectors on twys and ramp edges.

COMMUNICATIONS: CTAF 122.9

RCO 122.35 (BOISE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03' W116°12.38' 134° 18.4 NM to fld. 7333/19E.



CAVANAUGH BAY (See COOLIN)

CAVANAUGH BAY

TANGLEFOOT SPB (D28) 1 NW UTC-8(-7DT) N48°32.33' W116°49.93'

GREAT FALLS

2438 NOTAM FILE BOI

WATERWAY 15-33: 10000X2000 (WATER)

WATERWAY 15: Rgt tfc.

SEAPLANE REMARKS: Attended Apr-Oct dawn-dusk. Tie downs available at floating docks; parking avbl on beach. Rwy 15-33 +5' no wake buoy located in ldg area. Recommend landing seaplane waterway 15; departure seaplane waterway 33, when winds permit. Cavanaugh Bay arpt located adjacent south, announce intentions—CTAF.

COMMUNICATIONS: CTAF 122.9

CHALLIS

CHALLIS (LLJ) 1 NE UTC-7(-6DT) N44°31.42' W114°13.08'

GREAT FALLS

5072 B S4 FUEL 100, JET A NOTAM FILE LLJ

L-13B

RWY 16-34: H4600X60 (ASPH) S-30 MIRL

RWY 16: Fence.

RWY 34: PAPI(P4L)—GA 3.0° TCH 40'.

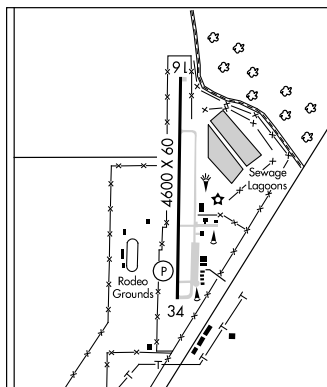
AIRPORT REMARKS: Attended 1400-0000Z†. Deer on and in vicinity of arpt. Be alert helicopter ops adjacent southeast end of arpt. Recommend land Rwy 16, tkf Rwy 34 when wind conditions permit.

WEATHER DATA SOURCES: ASOS 119.275 (208) 879-5121. SAWRS

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.

SALMON (H) VORW/DME 113.5 LKT Chan 82 N45°01.28' W114°05.06' 173° 30.4 NM to fld. 9258/18E.



UPPER LOON CREEK USFS (U72) 26 NW UTC-7(-6DT) N44°35.49' W114°49.39'

GREAT FALLS

5500 NOTAM FILE BOI

RWY 04-22: 2500X75 (TURF-DIRT)

RWY 04: Tree.

RWY 22: Trees.

AIRPORT REMARKS: Unattended. Recommend land Rwy 22; Tkf Rwy 04 when wind conditions permit. No winter maintenance. Recommended for experienced mountain pilots only. Rwy 04-22 edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9

CHAMBERLAIN USFS (See CHAMBERLAIN GUARD STATION)**CHAMBERLAIN GUARD STATION****CHAMBERLAIN USFS** (U79) O E UTC-7(-6DT) N45°22.74' W115°11.81'**GREAT FALLS**

5765 NOTAM FILE BOI

RWY 07-25: 4100X200 (TURF-DIRT)**RWY 07:** Trees. **RWY 25:** Tree.**RWY 15-33:** 2700X140 (TURF)**RWY 15:** Hill. **RWY 33:** Trees.

AIRPORT REMARKS: Unattended. Rwy 07-25 W 500' CLOSED indef. Rwy 07-25 rough sfc. Rwy 15-33 rough and uneven surface. No twy available. Arpt subject to temporary closure early spring due to soft rwys. Rwy 07-25 and Rwy 15-33 thlds marked and rwys outlined with yellow rocks. Rwy 15-33 has +2' pipe and -2' ditch across rwy North of rwy 07-25 intersection. No twy from rwy 15-33 to Campgrounds. Rwy 15 120' timbered hill 1200' on centerline. Extensive rodent activity on both rwys. No telephone avbl at arpt. Private Stone Breaker Arpt located 1 NM NE of Chamberlain USFS.

COMMUNICATIONS: CTAF 122.9**COEUR D'ALENE****BROOKS SPB** (S76) O SW UTC-8(-7DT) N47°40.33' W116°47.16'**GREAT FALLS**2125 **FUEL** 100LL NOTAM FILE BOI**WATERWAY 11-29:** 15000X2000 (WATER)**WATERWAY 11:** Rgt tfc.**WATERWAY 15-33:** 15000X2000 (WATER)**WATERWAY 15:** Rgt tfc.

SEAPLANE REMARKS: Attended 1700-dusk. Heavy boat tfc and parasail activity on and in vicinity of seaplane base ldg area. Fly patterns over lake, do not overfly city. Helicopter ops in vicinity of Seaplane Base. Ultralight acft operate in vicinity of SPB landing area. Adjacent boat marina may have dock space avbl.

COMMUNICATIONS: CTAF 122.9**COEUR D'ALENE-PAPPY BOYINGTON FLD** (COE) 9 NW UTC-8(-7DT)

N47°46.46' W116°49.18'

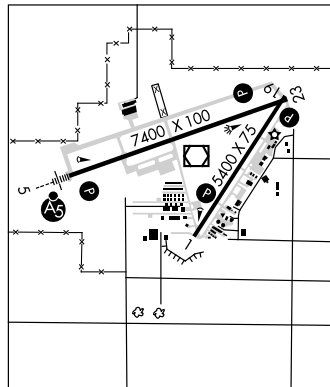
GREAT FALLS2320 B S4 **FUEL** 100, JET A OX 1, 2, 3, 4 Class IV, ARFF Index A NOTAM FILE COE**H-1C, L-13B****RWY 05-23:** H7400X100 (ASPH-GRVD) S-57, D-95, ST-121, DT-165 **HIRL** 0.6% up NE **IAP****RWY 05:** MALSR. PAPI(P4R)—GA 3.0° TCH 56'.**RWY 23:** REIL. PAPI(P4R)—GA 3.0° TCH 50'.**RWY 01-19:** H5400X75 (ASPH) S-50, D-83, ST-105, DT-150**MIRL** 0.3% up N**RWY 01:** REIL. PAPI(P2L)—GA 3.0° TCH 39'. Rgt tfc.**RWY 19:** PAPI(P2L)—GA 3.0° TCH 41'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 01:** TORA-5400 TODA-5400 ASDA-5400 LDA-5400**RWY 05:** TORA-7400 TODA-7400 ASDA-7400 LDA-7400**RWY 19:** TORA-5400 TODA-5400 ASDA-5400 LDA-5400**RWY 23:** TORA-7400 TODA-7400 ASDA-7400 LDA-7400

AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z±. For after hrs fuel-self svc avbl or call 208-772-6404, 208-661-4174, 208-661-7449, 208-699-5433. Self svc fuel avbl with credit card. 48 hr PPR for unscheduled ops with more than 30 passenger seats call arpt manager 208-446-1860. Migratory birds on and in/ov arpt Oct-Nov. Remote cntl airstrip is 2.3 miles west AER 05. Arpt conditions avbl on AWOS. Rwy 05 NSTD MALSR, thld bar extends 5' byd rwy edge lgts each side. **ACTIVATE** **MIRL** Rwy 01-19, **HIRL** Rwy 05-23, **REIL** Rwy 01 and Rwy 23, **MALSR** Rwy 05 and **PAPI** Rwy 01, Rwy 19, Rwy 05, and Rwy 23—**CTAF**. **REIL** Rwy 23 opr only when **HIRL** on high ints.

WEATHER DATA SOURCES: AWOS-3 135.075 (208) 772-8215.**HIWAS** 108.8 COE.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO** 122.05 (BOISE RADIO)① **SPOKANE APP/DEP CON** 132.1**AIRSPACE:** CLASS E svc continuous.**RADIO AIDS TO NAVIGATION:** NOTAM FILE COE.(T) **VORW/DME** 108.8 COE Chan 25 N47°46.42' W116°49.24' at fld. 2290/19E. **HIWAS**.**DME** portion unusable:

220°-240° byd 15 NM

280°-315° byd 15 NM blo 11,000'.

POST FALLS NDB (MHW) 347 LEN N47°44.57' W116°57.66' 053° 6.0 NM to fld.**ILS** 110.7 I-COE Rwy 05 Class ID. Post Falls NDB. Localizer unusable 25° left and right of course.

MAGEE (S77) 23 NE UTC-8(-7DT) N47°50.24' W116°15.81'

GREAT FALLS

3002 NOTAM FILE BOI

RWY 18-36: 2450X150 (TURF)**RWY 18:** Thld dsplcd 300'. Brush. **RWY 36:** Hill.**AIRPORT REMARKS:** Unattended. Rwy 18-36 north 100' CLOSED Apr 1-Jul 15. Rwy 18-36 first 300' of north end very rough. Heavy snowmobile activity during winter months. Rwy 18-36 edges and thlds marked with white rocks.

Rwy 18 dsplcd thld marked with white rock markers. Recommend land Rwy 18; tkf Rwy 36 when wind conditions permit. No winter maintenance.

COMMUNICATIONS: CTAF 122.9

COLD MEADOWS USFS (See COLD MEADOWS GUARD STATION)

COLD MEADOWS GUARD STATION
COLD MEADOWS USFS (U81) 00 NW UTC-7(-6DT) N45°17.61' W114°56.72'

GREAT FALLS

7030 NOTAM FILE BOI

RWY 16-34: 4550X90 (TURF-DIRT)**RWY 16:** Trees. **RWY 34:** Trees.**AIRPORT REMARKS:** Unattended. No winter maintenance. Rodent activity on and in vicinity of arpt. Big game animals and livestock on and invof rwy. When wind conditions permit land Rwy 34 depart Rwy 16. Be advised U.S.

Forestry Service recommends left turn down Cotton Wood Creek after departing Rwy 16. Rwy 34 125' ridge at 350' and 200' left. Very high density altitude factor during summer months. Rwy 16-34 center 20' portion of rwy length is DIRT. Rwy may be soft in early spring. Rubber water bar strips on rwy. Rwy 16-34 unpainted rock boundary markers. Rwy 16-34 South 3500' very rough. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

CONNERS N42°21.61' W113°27.43'.

SALT LAKE CITY

RCO 122.05 (BOISE RADIO)

L-11C

COOLIN
CAVANAUGH BAY (66S) 3 N UTC-8(-7DT) N48°31.12' W116°49.33'

GREAT FALLS

2484 NOTAM FILE BOI

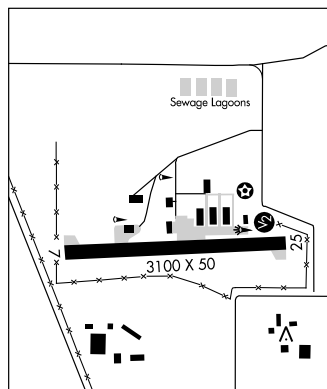
RWY 15-33: 3100X120 (TURF)**RWY 15:** Tree. Rgt tfc. **RWY 33:** Tree.**AIRPORT REMARKS:** Attended Jun-Aug, Thu-Mon, 1600-0100Z+. Watch for sprinklers on rwy. No line of sight between Rwy ends. Seaplane ops conducted in bay north and adjacent to arpt monitor CTAF. Rwy 15-33 edges and thlds marked with white rocks. No winter maintenance. Heavy snowmobiles activity during winter months.**COMMUNICATIONS:** CTAF 122.9

COPPER BASIN (See MACKAY)
COTTONWOOD MUNI (S84) 1 SE UTC-8(-7DT) N46°02.33' W116°19.89'

GREAT FALLS

3474 B NOTAM FILE BOI

L-13B

RWY 07-25: H3100X50 (ASPH) MIRL**RWY 07:** Fence. **RWY 25:** PVASI(PISR)—GA 5.0° TCH 50'.**AIRPORT REMARKS:** Attended irregularly. Rwy 07-25 marked with numbers only. ACTIVATE MIRL Rwy 07-25, PVASI Rwy 25 and windsock lgts—CTAF. ACTIVATE rotating beacon—CTAF.**COMMUNICATIONS:** CTAF 122.9**CASCADE RCO** 122.35 (BOISE RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PUW.**PULLMAN (L) VORW/DME** 109.0 PUW Chan 27 N46°40.46' W117°13.41' 116° 53.2 NM to fld. 2720/20E. **HIWAS.** DME unmonitored.

COUNCIL MUNI (U82) 1 NW UTC-7(-6DT) N44°45.02' W116°26.70'

GREAT FALLS

2963 B S2 FUEL 100LL NOTAM FILE BOI

L-13B

RWY 17-35: H3600X60 (ASPH) S-12.5 MIRL

RWY 17: Brush.

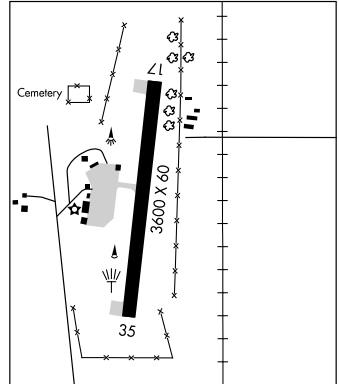
AIRPORT REMARKS: Unattended. Arpt surrounded by mountains all quadrants. ACTIVATE MIRL Rwy 17-35—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

CASCADE RCO 122.35 (BOISE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03' W116°12.38' 245° 10.3 NM to fld. 7333/19E.



COXS WELL (See ATOMIC CITY)

CRAIGMONT MUNI (S89) 0 N UTC-8(-7DT) N46°14.86' W116°28.76'

GREAT FALLS

3805 B NOTAM FILE BOI

RWY 07-25: H2800X50 (ASPH) MIRL

RWY 25: Thld dspcd 300'. Ground.

AIRPORT REMARKS: Attended Apr-Oct dalgt hours, Nov-Mar irregularly. CLOSED during heavy snowfall. Recommend landing Rwy 25, departing Rwy 07, when wind conditions permit. Rwy 25 thld dspcd 300' at ngt, marked with dspcd thld lights and rwy markings.

COMMUNICATIONS: CTAF 122.9

DIXIE USFS (A05) 3 SW UTC-8(-7DT) N45°31.24' W115°31.06'

GREAT FALLS

5148 NOTAM FILE BOI

RWY 18-36: 4500X100 (TURF)

RWY 18: Trees. RWY 36: Hill.

AIRPORT REMARKS: Unattended. Airstrip is located in high timber mountain basin. Base heliport for initial attack fire suppression, 1 copter working Jun-Sep. Recommend landing Rwy 36; when wind conditions permit. Recommend departure Rwy 18, make right turn down Crooked Creek after departure. No winter maintenance. No telephone avbl at arpt. Rwy 18-36 ends marked with logs painted white.

COMMUNICATIONS: CTAF 122.9

DONALD D. COSKI MEM (See DONNELLY)

DONNELLY N44°46.03' W116°12.38' NOTAM FILE MYL.

GREAT FALLS

(H) VORTACW 116.2 DNJ Chan 109 012° 8.6 NM to McCall Muni. 7333/19E.

H-1C, L-13B

DONNELLY

DONALD D. COSKI MEM (U84) 1 W UTC-7(-6DT) N44°43.74' W116°05.56'

GREAT FALLS

4860 NOTAM FILE BOI

RWY 18-36: 2500X125 (TURF)

RWY 18: Trees. RWY 36: Trees.

AIRPORT REMARKS: Unattended. No winter maintenance. Recommend land Rwy 36 and take off Rwy 18 when wind conditions permit. No telephone avbl at arpt. Rwy 18-36 may not be mowed full width.

COMMUNICATIONS: CTAF 122.9

CASCADE RCO 122.35 (BOISE RADIO).

DOWNEY (HYDE MEM) (U58) 1E UTC-7(-6DT) N42°25.45' W112°06.57'

SALT LAKE CITY

4906 B NOTAM FILE BOI

L-11D

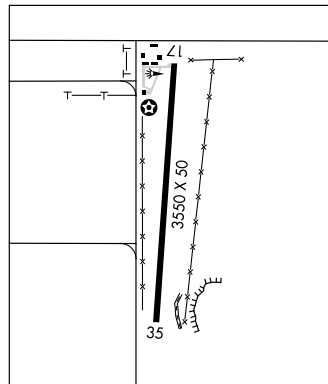
RWY 17-35: H3550X50 (ASPH) LIRL

RWY 17: Tank. RWY 35: Road.

AIRPORT REMARKS: Unattended. Farm machinery to 20' high may be located within 500' of apch to Rwy 17. For LIRL Rwy 17-35 and rotating beacon—key 122.8, five times.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLD.

MALAD CITY (H) VOR/DME 117.4 MLD Chan 121 N42°11.99' W112°27.07' 031° 20.3 NM to fld. 7330/17E.

**DRIGGS-REED MEM** (DIJ) 1N UTC-7(-6DT) N43°44.55' W111°05.87'

SALT LAKE CITY

6229 B S4 FUEL 100LL, JET A, OX 2 NOTAM FILE DIJ

H-3D, L-11D

RWY 03-21: H7302X75 (ASPH) S-30, D-60 MIRL 1.2% up NE

IAP

RWY 03: PAPI(P4L)—GA 3.0 TCH 45'.

RWY 21: REIL. PAPI(P4L)—GA 3.0 TCH 40'. Road. Rgt tfc.

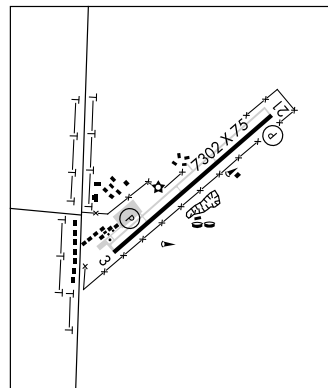
AIRPORT REMARKS: Attended Oct-May 1500-0000Z, Jun-Sep 1400-0200Z. After hrs call 208-354-3100. Sailplane ops, heavy during summer months. Gliders use right traffic for Rwy 03 and left traffic for Rwy 21. Median between Rwy 03-21 and parallel twy not authorized for ldgs and takeoffs. ACTIVATE MIRL Rwy 03-21 and REIL Rwy 21—CTAF. PAPI Rwy 03 and 21 ops 24 hrs.

WEATHER DATA SOURCES: ASOS 120.775 (208) 354-6661.**COMMUNICATIONS:** CTAF/UNICOM 122.7

SALT LAKE CENTER APP/DEP CON 132.4

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33' W112°12.56' 098° 52.5 NM to fld. 4915/15E.

**DUBOIS** N44°05.33' W112°12.56' NOTAM FILE BOI.

SALT LAKE CITY

(H) VORTACW 116.9 DBS Chan 116 206° 19.1 NM to Mud Lake (West Jefferson Co). 4915/15E.

H-1D, L-11D

DUBOIS MUNI (U41) 1SE UTC-7(-6DT) N44°09.74' W112°13.24'

SALT LAKE CITY

5123 NOTAM FILE BOI

RWY 16-34: 4600X100 (TURF)

RWY 16: Road. RWY 34: Rgt tfc.

AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 16-34 is centered between boundary markers. Rwy 16-34 cone boundary markers 125' each side of rwy centerline and wood panels across both thlds. Rwy 16 +6' fence at 100' and 250' from thld on centerline. +75' steeple 1400' from thld, 100' left.

COMMUNICATIONS: CTAF 122.9**ECKHART INTL** (See PORTHILL)

ELK CITY (S90) 0 SW UTC-8(-7DT) N45°49.36' W115°26.39'

GREAT FALLS

4097 S2 NOTAM FILE BOI

RWY 14-35: 2600X150 (TURF-GRVL)

RWY 14: Trees.

RWY 35: Trees.

AIRPORT REMARKS: Unattended. Land Rwy 14, tkf Rwy 35 when wind condition allow. Rwy 14-35 is a curved rwy. Rwy 14-35 50' usable width. Rwy 14-35 may not be mowed to full width. Rwy 14 thld is not defined. Rwy not maintained in winter.

COMMUNICATIONS: CTAF 122.9

EMMETT MUNI (S78) 3 SW UTC-7(-6DT) N43°51.16' W116°32.35'

SALT LAKE CITY

2350 B FUEL 100LL NOTAM FILE BOI

L-11B

RWY 10-28: H3250X50 (ASPH) S-8 MIRL

RWY 10: Thld dsplcd 385'.

RWY 28: Thld dsplcd 260'. Fence.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs self serve credit card.

Golf course on both sides of rwy. Golf course road crosses near

Rwy 28 thld. Watch for golfers on rwy. 1800X20 private GRVL

agriculture rwy located adjacent NW of arpt. Rwy 28 dsplcd thld

marked with white bar and white chevrons only.

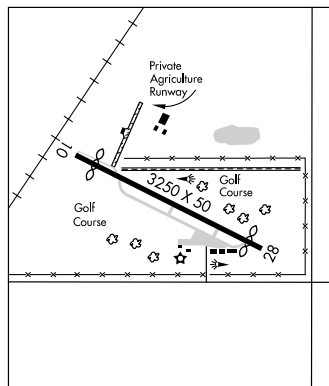
COMMUNICATIONS: CTAF 122.9

SQUAW BUTTE RCO 122.45 (BOISE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17'

W116°11.53' 303° 23.5 NM to fld. 2876/17E.



FAIRFIELD

CAMAS CO (U86) 0 S UTC-7(-6DT) N43°20.51' W114°47.90'

SALT LAKE CITY

5058 NOTAM FILE BOI

RWY 07-25: 2950X40 (DIRT)

RWY 07: Road.

RWY 25: P-line.

AIRPORT REMARKS: Unattended. Irregular winter maintenance and snow removal, check rwy condition before using.

COMMUNICATIONS: CTAF 122.9

FISH LAKE (USFS) (S92) 0 E UTC-8(-7DT) N46°19.81' W115°03.79'

GREAT FALLS

5646 NOTAM FILE BOI

RWY 04-22: 2650X50 (TURF)

RWY 04: Hiil.

RWY 22: Brush.

AIRPORT REMARKS: Unattended. No winter maintenance. Do not park acft in front of USFS administrative site. Rwy 04-22 soft when wet. Land Rwy 22 take off Rwy 04 no touch and go landings or stop and go landings, go arounds not recommended due to steep rising terrain off west end of Rwy 04-22. Rwy 04-22 additional 400' of length available for takeoff on the end of Rwy 04. Down drafts prevalent over lake. Ctc USFS arpt manager 208-983-4060 for briefings and rwy conditions. Recommend early morning and late evening operations during summer months. Normally mowed to a usable width of 50'-75'. Rwy 22 end marked with concrete 'T' marker. Rwy 04 and Rwy 22 ends marked with orange cones. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

FRIEDMAN MEM (See HAILEY)

GALENA**SMILEY CREEK** (U87) 6 NW UTC-7(-6DT) N43°54.73' W114°47.76'

SALT LAKE CITY

7160 NOTAM FILE BOI

RWY 14-32: 4900X150 (TURF)

RWY 14: Fence.

RWY 32: Fence.

AIRPORT REMARKS: Unattended. No winter maintenance. Extremely high density altitude conditions exist during summer months. Recommend land Rwy 14, tkf Rwy 32, when wind conditions allow. Be alert for sprinklers/stand pipes on edge of rwy. Rwy 14-32 edges and thlds marked with white rock.

COMMUNICATIONS: CTAF 122.9**GARDEN VALLEY** (U88) 2 SE UTC-7(-6DT) N44°04.02' W115°55.88'

SALT LAKE CITY

3177 NOTAM FILE BOI

RWY 10-28: 3850X125 (TURF)

RWY 10: Fence.

RWY 28: Fence.

AIRPORT REMARKS: Unattended. USFS heliport opns adjacent to SE end of arpt. Watch for sprinkler heads on rwy. Arpt located in mountain valley. No winter maintenance. Recommend landing Rwy 10, takeoff Rwy 28, if winds allow.

Rwy 10-28 edges and thresholds marked with white rocks. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9**GLENGARY****LAKE PEND OREILLE SPB** (S96) 1 SE UTC-8(-7DT) N48°13.00' W116°21.64'

GREAT FALLS

2062 B NOTAM FILE BOI

WATERWAY 14-32: 15000X4000 (WATER)

SEAPLANE REMARKS: Attended continuously. Unmarked helipad located on beach to the west adjacent to docks with non-standard helicopter VASI located on winch platform. Helicopter operation on and in vicinity of Seaplane Base.

COMMUNICATIONS: CTAF/UNICOM 122.8**GLENNS FERRY MUNI** (U89) 1 SW UTC-7(-6DT) N42°56.62' W115°19.81'

SALT LAKE CITY

2536 B NOTAM FILE BOI

L-11C

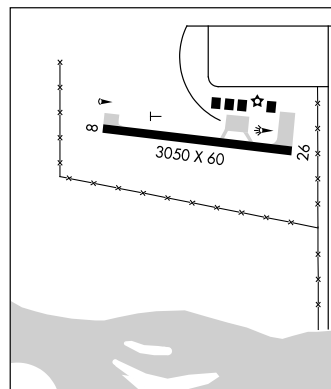
RWY 08-26: H3050X60 (ASPH) MIRL

RWY 26: Trees.

AIRPORT REMARKS: Unattended. Rwy 08-26 distance to go markers every 1000' south side of rwy. Rwy 08-26 white reflectors on both edges of rwy; green reflectors on both thlds. Roating bcn OTS indef. ACTIVATE MIRL Rwy 08-26—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE TWF.

TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79' W114°29.37' 289° 46.4 NM to fld. 4140/18E.



GOODING MUNI (GNG) 3 SW UTC-7(-6DT) N42°55.03' W114°45.91'

SALT LAKE CITY

3732 B S4 FUEL 100LL, JET A NOTAM FILE BOI

L-11C

RWY 07-25: H4745X75 (ASPH) S-12.5 MIRL 1.4% up NE

IAP

RWY 07: Road.

AIRPORT REMARKS: Attended 1500-0000Z+. For arpt attendant after hours call 208-539-5934 or 208-934-8298. Considerable helicopter ops. ACTIVATE MIRL Rwy 07-25—CTAF. 3 clicks medium ints-5 clicks high ints.

COMMUNICATIONS: CTAF/UNICOM 122.8

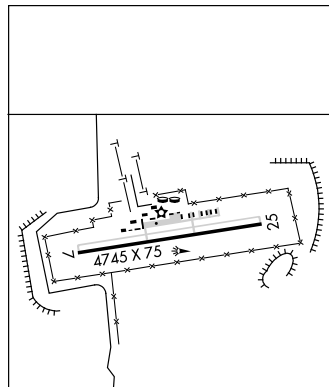
BLISS RCO 122.4 (BOISE RADIO)

SALT LAKE CENTER APP/DEP CON 118.05

RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.

TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79' W114°29.37' 317° 28.9 NM to fld. 4140/18E.

STEELHEAD NDB (MHW) 211 HDG N42°54.97' W114°40.45' 255° 4.0 NM to fld. NOTAM FILE BOI.



GRAHAM USFS (See ATLANTA)

GRANGEVILLE

IDAHO CO (S80) 1 N UTC-8(-7DT) N45°56.55' W116°07.41'

GREAT FALLS

3314 B S2 FUEL 100LL, JET A NOTAM FILE BOI

H-1C, L-13B

RWY 07-25: H5101X75 (ASPH) S-75, D-95, DT-145 MIRL 0.5% up E

IAP

RWY 07: REIL. Thld displcd 100'. Road.

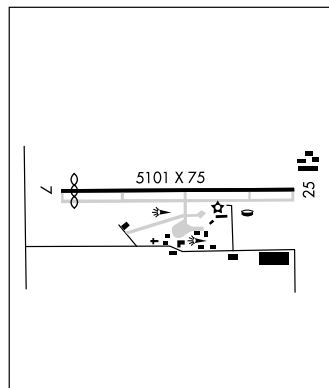
AIRPORT REMARKS: Unattended. 24 hr self svc credit card fueling facility. Considerable USFS Fire retardant ops during summer months. Parachute activity May thru Aug. ACTIVATE REIL Rwy 07—CTAF.

COMMUNICATIONS: CTAF 122.9

® SEATTLE CENTER APP/DEP CON 123.95

RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03' W116°12.38' 344° 70.6 NM to fld. 7333/19E.



GRASMERE (U91) 0 S UTC-7(-6DT) N42°22.40' W115°52.77'

SALT LAKE CITY

5134 NOTAM FILE BOI

RWY 05-23: 2750X150 (DIRT)

RWY 05: Fence.

AIRPORT REMARKS: Unattended. Rwy 05-23 surface may be poor due to damage by livestock, ground vehicles and rodents. Rwy 05, 4' fence at 90' on centerline, 7' road at 150' on center, 65' marked powerline at 900' on centerline. Rwy 05-23 edges and thlds marked with white rocks. No winter maintenance. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

GROUSE**ANTELOPE VALLEY** (U92) 1 W UTC-7(-6DT) N43°40.63' W113°36.16'**SALT LAKE CITY**

6180 NOTAM FILE BOI

RWY 05-23: 3450X130 (TURF)**RWY 05:** Road. **RWY 23:** P-line.

AIRPORT REMARKS: Unattended. CLOSED to wheeled acft winters. No winter maintenance. Recommend ldg Rwy 05; tkf Rwy 23 when wind conditions allow. Arpt located in mountain valley surrounded by high terrain. Rwy 05-23 edges and thld marked with white rock. +5' sagebrush adjacent to both rwy edges and Rwy 05 thld.

COMMUNICATIONS: CTAF 122.9**HAILEY** N43°19.75' W114°14.55' NOTAM FILE SUN.**SALT LAKE CITY****NDB/DME (MHW)** 220 HLE Chan 25 332° 10.8 NM to Friedman Mem. NDB unmonitored.**L-11C**

DME unmonitored.

NDB portion unusable:

310°-350° byd 6 NM

DME unusable:

280°-080° byd 12NM

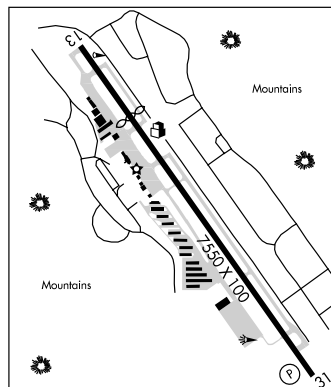
080°-280°.

RCO 122.4 (BOISE RADIO)**HAILEY****FRIEDMAN MEM** (SUN) 1 SE UTC-7(-6DT) N43°30.23' W114°17.73'**SALT LAKE CITY**5318 B S4 **FUEL** 100LL, JET A1 + OX 1, 3 Class I, ARFF Index A NOTAM FILE SUN**H-3C, L-11C****RWY 13-31:** H7550X100 (ASPH-GRVD) S-65, D-95, DT-150 HIRL 0.8% up NW**IAP, AD****RWY 13:** Thld dsplcd 1701'. Road.**RWY 31:** PAPI(P4L)—GA 3.5° TCH 55'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 13:** TORA-7150 TODA-7550 ASDA-7150 LDA-5450**RWY 31:** TORA-5850 TODA-7550 ASDA-6631 LDA-6631**AIRPORT REMARKS:** Attended dawn-dusk. Fuel avbl after dusk PPR

208-788-9511. Airfield sfc conditions not monitored between the hours of 0600Z and 1400Z. Bird activity SE end Rwy 31. When twr closed land Rwy 31—tkf Rwy 13 due to opposite direction traffic; use landing lights in traffic pattern. Due to opposite traffic: approach Rwy 31 along E side of valley; depart Rwy 13 along W side of valley: show landing light. Ctc aprt manager 208-788-4956 or 208-788-3702 for noise abatement procedures. APU ops ltd to 30 minutes maximum run time. Not recommended for night use or in marginal weather by unfamiliar pilots due to mountainous terrain. Twy A open between Twys A2 and A3 daylight hours only. Twys A-5 and B-5 restricted to acft with wingspans of 49' or less (Acft Design Group I) only. PPR for all unscheduled acft ops utilizing acft with a type certificate for more than 30 passenger seats. PPR for all scheduled air carrier ops between 0600-1300Z call aprt manager 208-788-4956. No locked brake turns. ACTIVATE HIRL Rwy 13-31—CTAF when twr clsd. PAPI Rwy 31 opr 24 hrs. Ldg fee for acft greater than 6,000 lbs.

WEATHER DATA SOURCES: AWOS-3 128.225 (208) 788-9213. LAWRS.**COMMUNICATIONS:** CTAF 125.6 ATIS 128.225 (208) 788-2108 UNICOM 122.95**HAILEY RCO** 122.4 (BOISE RADIO)**SALT LAKE CENTER APP/DEP CON** 118.05.**HAILEY TOWER** 125.6 (1400-0600Z) **GND CON** 121.7**AIRSPACE:** CLASS D svc 1400-0600Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BYI.**BURLEY (L) VORW/DME** 114.1 BYI Chan 88 N42°34.82' W113°51.95' 323° 58.6 NM to fld. 4230/18E.**HAILEY NDB/DME (MHW)** 220 HLE Chan 25 N43°19.75' W114°14.55' 332° 10.8 NM to fld. NOTAM FILE

SUN. NDB unmonitored. DME unmonitored.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

MAGIC RESERVOIR (U93) 15 SW UTC-7(-6DT) N43°16.84' W114°23.78' SALT LAKE CITY
 4844 NOTAM FILE BOI
RWY 03-21: 4000X100 (TURF-GRVL)
RWY 03: Road. **RWY 21:** Fence.
RWY 09-27: 1750X100 (TURF)
RWY 09: Sign. **RWY 27:** Trees.
AIRPORT REMARKS: Unattended. No winter maintenance. When wind conditions allow, land Rwy 03 or Rwy 09, tkf Rwy 21 or Rwy 27 to avoid flying over resort area. Rwy 09-27 no line of sight between rwy ends. Rwy 03-21 edges and thld marked with white rocks. No telephone avbl at arpt.
COMMUNICATIONS: CTAF 122.9

HAZELTON MUNI (U94) 1 S UTC-7(-6DT) N42°34.57' W114°08.16' SALT LAKE CITY
 4172 NOTAM FILE BOI
RWY 06-24: 2800X90 (GRVL)
RWY 06: Road. **RWY 24:** Tank.
AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 06-24 no line of sight between rwy ends. Rwy 06-24 has a 300' grvl stopway on northeast end.
COMMUNICATIONS: CTAF 122.9

HENRY'S LAKE (See LAKE)

HOLLOW TOP (See MARTIN)

HOMEDALE MUNI (S66) 1 SE UTC-7(-6DT) N43°36.88' W116°55.29' SALT LAKE CITY
 2210 S1 NOTAM FILE BOI
RWY 13-31: H2900X50 (ASPH) S-6 LIRL (NSTD)
RWY 13: Thld dspcd 335'. Brush.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. Rwy 13-31 first 600' Rwy 31—LIRL; Rwy 31 has low ints thld lgts.
COMMUNICATIONS: CTAF 122.9

HOWE (U97) 4 NW UTC-7(-6DT) N43°50.34' W113°02.80' SALT LAKE CITY
 4930 NOTAM FILE BOI
RWY 13-31: 3800X25 (GRVL)
RWY 13: Road. **RWY 31:** Road.
AIRPORT REMARKS: Unattended. Arpt used heavily by spray planes during summer. +15' to +20' farm machinery may be parked on apch to Rwy 13; 230' from end of rwy. Rwy 13 +12' sprinkler may be in position at 200' on centerline. Rwy 31 thld defined with white blocks and reflectors.
COMMUNICATIONS: CTAF 122.9

IDAHO CITY USFS (U98) 1 SW UTC-7(-6DT) N43°49.24' W115°51.06' SALT LAKE CITY
 3920 NOTAM FILE BOI
RWY 03-21: 3400X50 (GRVL-TURF)
RWY 03: Trees. **RWY 21:** Trees.
AIRPORT REMARKS: Unattended. Recommend land Rwy 03, tkf Rwy 21 when wind conditions permit. West 700' of rwy is turf, remainder is grvl. Rwy 03-21 edges and thlds marked with white rock. No winter maintenance. No telephone avbl at arpt.
COMMUNICATIONS: CTAF 122.9

IDAHO CO (See GRANGEVILLE)

IDAHO FALLS RGNL (IDA) 2 NW UTC-7(-6DT) N43°30.82' W112°04.25'**SALT LAKE CITY**4744 B S4 FUEL 100LL, JET A1 OX 1, 2, 3, 4 TPA-See remarks Class I, ARFF Index B H-3D, L-11D
NOTAM FILE IDA IAP, AD**RWY 02-20:** H9002X150 (ASPH-GRVD) S-140, D-175, ST-175, DT-270 HIRL**RWY 02:** REIL. VASI(V4L)—GA 3.0° TCH 50'.**RWY 20:** MALSR. PAPI(P4L)—GA 3.0° TCH 49'.**RWY 17-35:** H4051X75 (ASPH) S-43, D-58 MIRL**RWY 17:** PAPI(P4L)—GA 3.0° TCH 40'.**RWY 35:** PAPI(P4L)—GA 3.5° TCH 45'. Antenna.

AIRPORT REMARKS: Attended 1200-0600Z†. Flocks of birds and waterfowl on and in/ov arpt all year. Extensive agricultural ops. Acft ops be alert for possible incursions, no line of sight between rws. 24 hr PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 208-529-1221. TPA-6244 (1500) multi-engine/turbojet acft, 5744 (1000) single-engine acft, 5244 (500) rotorcraft. Rwy 20 touchdown runway visual range avbl. When twr is clsd, Twy A between Twy A1 and the hold short line for Rwy 17 is clsd in order to protect Rwy 20 precision apchs. When twr clsd, ACTIVATE HIRL Rwy 02-20, REIL Rwy 02 and MALSR Rwy 20—CTAF.

WEATHER DATA SOURCES: ASOS 135.325 (208) 524-4553 or (208) 524-6048.

COMMUNICATIONS: CTAF 118.5 ATIS 135.325 (208) 524-6048.

UNICOM 122.95

RCO 122.55 (BOISE RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 128.35

TOWER 118.5 (1400-0300Z†) **GND CON** 121.7 **CLNC DEL** 121.7 (1400-0300Z†)

128.35 (SALT LAKE CITY CENTER 0300-1400Z†)

AIRSPACE: CLASS D svc 1400-0300Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IDA.

(H) **VORW/DME** 113.85 IDA Chan 85(Y) N43°31.14' W112°03.84' at fld. 4724/15E.

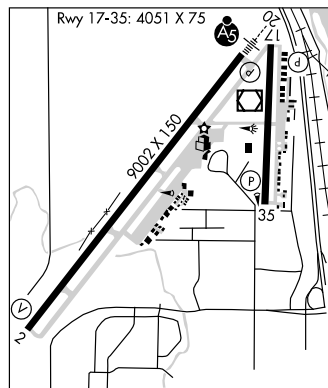
SWEDEN NDB (MHW) 350 SWU N43°25.93' W112°09.75' 024° 6.3 NM to fld.

NDB unusable 025°-080° beyond 20 NM all altitudes.

UCONN NDB (LOM) 324 ID N43°35.87' W111°58.84' 201° 6.4 NM to fld.

ILS/DME 111.1 I-IDA Chan 48 Rwy 20 Class IB. LOM UCONN NDB.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

**INDIAN CREEK USFS** (S81) 0 NE UTC-7(-6DT) N44°45.67' W115°06.44'**GREAT FALLS**

4701 NOTAM FILE BOI

RWY 04-22: 4650X40 (DIRT)**RWY 04:** Tree.**RWY 22:** Tree.

AIRPORT REMARKS: Unattended. No winter maintenance. Tfc observance in vicinity of Pistol Creek Arpt located 2.5 miles upstream. Be advised USFS recommends, when departing up or down stream remain in main canyon. Do not attempt to climb outside canyons. Rwy 04-22 edges and thlds marked with white rocks, Rwy 04-22 40' useable width, rwy edge markers are 100' apart.

COMMUNICATIONS: CTAF 122.9

JEROME CO (JER) 3 E UTC-7(-6DT) N42°43.60' W114°27.40'

4053 B S4 FUEL 100LL, JET A NOTAM FILE JER

RWY 09-27: H5001X75 (ASPH) S-12.5 MIRL 1.8% up E

RWY 09: PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 27: Fence.

AIRPORT REMARKS: Attended continuously. Deer and wildlife on arpt.
CAUTION: Tower 690' AGL located 1.8 NM east-northeast of arpt.
Reflectors on parallel twy. ACTIVATE MIRL Rwy 09-27 and arpt
bcn—CTAF.

WEATHER DATA SOURCES: ASOS 135.225 (208) 324-7076.

COMMUNICATIONS: CTAF/UNICOM 122.8

TWIN FALLS APP/DEP CON 126.7 (1300-0400Z†)

SALT LAKE CENTER APP/DEP CON 118.05 (0400-1300Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.

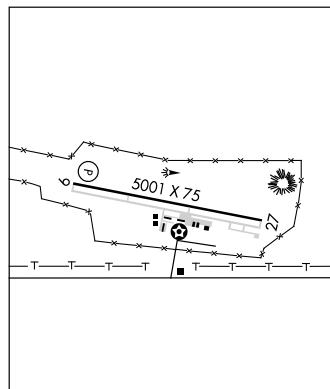
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79'

W114°29.37' 348° 14.9 NM to fld. 4140/18E.

SALT LAKE CITY

H-3C, L-11C

IAP



JOHNSON CREEK (See YELLOW PINE)

JOSLIN FLD—MAGIC VALLEY RGNL (See TWIN FALLS)

KAMIAH MUNI (S73) 1 SE UTC-8(-7DT) N46°13.19' W116°00.83'

GREAT FALLS

1194 TPA—2194(1000) NOTAM FILE BOI

RWY 14-32: 3000X90 (TURF) LIRL (NSTD)

RWY 14: Brush. Rgt tfc. RWY 32: Fence.

AIRPORT REMARKS: Attended irregularly. Numerous obstructions on both rwy apchs. Downdrafts prevalent over river on Rwy 32 apch. Canadian geese on and in vicinity of arpt. Not recommended transient pilots land after dark without first becoming familiar with arpt due to high terrain 0.5 mi from rwy. For rwy conditions during winter months call arpt manager 208-935-0089. ACTIVATE LIRL Rwy 14-32—CTAF.

COMMUNICATIONS: CTAF 122.9

KELLOGG

SHOSHONE CO (S83) 3 W UTC-8(-7DT) N47°32.84' W116°11.32'

GREAT FALLS

H-1C, L-13B

2223 B S3 FUEL 100LL TPA—3223(1000) NOTAM FILE BOI

RWY 07-25: H5500X75 (ASPH) S-14 MIRL

RWY 07: Tree. Rgt tfc. RWY 25: Thld displcd 1000'. Tree.

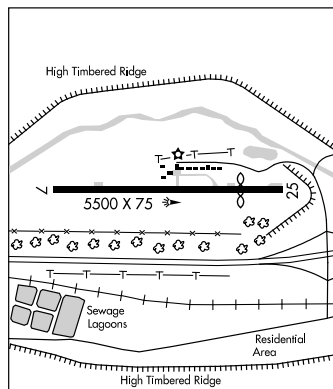
AIRPORT REMARKS: Attended daylight hours. ACTIVATE MIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47°27.42'

W115°38.76' 264° 22.7 NM to fld. 6100/20E. HIWAS.



KETCHUM**TWIN BRIDGES** (U61) 22 NE UTC-7(-6DT) N43°56.62' W114°06.62'**SALT LAKE CITY**

6893 NOTAM FILE BOI

RWY 03-21: 4450X100 (TURF)**RWY 03:** Berm.**RWY 21:** Hill.

AIRPORT REMARKS: Unattended. Rwy 03-21 SW 560' rutted and unusable. Rwy 03-21 -1' ditch and +1' and 2' dirt berm entire perimeter of rwy. No winter maintenance. Arpt located in high mountain valley surrounded by high mountains. Be alert arpt subject to ongoing damage by livestock, ground vehicles and rodents. Rwy 03-21 edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9**KIMAMA****LAIDLAW CORRALS** (U99) 12 N UTC-7(-6DT) N43°02.22' W113°44.02'**SALT LAKE CITY**

4427 NOTAM FILE BOI

RWY 07-25: 2250X130 (TURF)**RWY 07:** Hill.**RWY 25:** Road.

AIRPORT REMARKS: Unattended. Rwy 07-25 surface subject to ongoing damage by rodents, ground vehicles and livestock. Rwy 07-25 edges and thlds marked with white rocks. No winter maintenance. Rwy 25 +15' road 30'-50' left.

COMMUNICATIONS: CTAF 122.9**KOOSKIA MUNI** (S82) 1 S UTC-8(-7DT) N46°07.96' W115°58.73'**GREAT FALLS**

1263 NOTAM FILE BOI

RWY 14-32: 1900X100 (TURF)**RWY 14:** Road.**RWY 32:** Road.

AIRPORT REMARKS: Unattended. Rwy 14-32 road crosses rwy near center. Geese on and invof arpt. Numerous obstructions in all quadrant around arpt. Rwy 14-32 width varies due to mowing and maintenance. Rwy 32 thld marked with red reflectors.

COMMUNICATIONS: CTAF 122.9**KRASSEL** (See MC CALL)**LAIDLAW CORRALS** (See KIMAMA)**LAKE (ISLAND PARK)****HENRY'S LAKE** (U53) 3 SE UTC-7(-6DT) N44°38.09' W111°20.56'**GREAT FALLS**

6596 NOTAM FILE BOI

RWY 06-24: 4600X170 (TURF)**RWY 06:** Fence.**RWY 24:** Fence. Rgt tfc.

AIRPORT REMARKS: Unattended. Livestock and big game animals have access to rwy during fall, winter and spring. Do not leave arpt unattended during these seasons. No winter maintenance. Rwy 06-24 edges and thlds marked with white rocks. Recommend land Rwy 06, tkf Rwy 24 when wind conditions allow.

COMMUNICATIONS: CTAF 122.9**LAKE PEND OREILLE SPB** (See GLENGARY)**LANDMARK USFS** (ØUØ) 1 SE UTC-7(-6DT) N44°38.54' W115°32.01'**GREAT FALLS**

6662 NOTAM FILE BOI

RWY 16-34: 4000X100 (TURF-DIRT)**RWY 16:** Trees.**RWY 34:** Tree.

AIRPORT REMARKS: Unattended. Wildlife on and in vicinity of arpt. No winter maintenance. No line of sight between rwy ends. Arpt located in high mountain valley surrounded by high terrain. Rwy 16-34 edges marked with white rock markers. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

LEADORE (UØØ) 0 S UTC-7(-6DT) N44°40.39' W113°21.15'

GREAT FALLS

6018 NOTAM FILE BOI

RWY 11-29: 3500X140 (ASPH-TURF) RWY LGTS (NSTD)

RWY 11: Poles. **RWY 29:** Fence.

RWY 16-34: 2900X90 (TURF)

RWY 16: Building. **RWY 34:** Fence.

AIRPORT REMARKS: Unattended. Numerous buildings in apch to Rwy 11. Rwy 11-29 2300' asph section starting at Rwy 11 end. Rwy 16 -3' road at 200' on centerline, +30' pole 250' 60' left, numerous other obstruction to +10' at 100' to 400' in the apch zone. Agricultural irrigation equipment +15' may be located within 50' of AER 34. Rwy 11-29 surface rough. Rwy 16-34 surface rough. Rwy 11 last 1200' not lgtd.

COMMUNICATIONS: CTAF 122.9

LEE WILLIAMS MEM (See MIDVALE)

LEMHI CO (See SALMON)

LEWISTON

LEWISTON-NEZ PERCE CO (LWS) 2 S UTC-8(-7DT) N46°22.47' W117°00.92'

SEATTLE

1442 B S4 **FUEL** 100, 100LL, JET A TPA—See Remarks Class I, ARFF Index A

H-1C, L-13B

NOTAM FILE LWS

IAP, AD

RWY 08-26: H6511X150 (ASPH-PFC) S-150, D-180, ST-175, DT-400 **HIRL**

RWY 08: REIL. VASI(V4L)—GA 3.0° TCH 45'. Rgt tfc.

RWY 26: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Tree.

RWY 12-30: H5002X100 (ASPH-GRVD) S-70, D-94, ST-119,

DT-150 **MIRL** 1.4% up SE

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 30: VASI(V4R)—GA 3.0° TCH 47'. Antenna.

AIRPORT REMARKS: Attended 1330-0500Z±. CLOSED to unscheduled air carrier ops with more than 30 passenger seats 1500-0100Z± except PPR call arpt manager 208-746-7962 other times call station number 4 208-743-0172. Frequent no radio agricultural acft activity invof arpt. TPA—Heavy and turbine powered acft 3002(1560) all others 2502(1060). When twr clsd ACTIVATE MALSR Rwy 26, REIL Rwy 08 and Rwy 12—CTAF.

WEATHER DATA SOURCES: ASOS 135.575 (208) 746-4185. LAWRS.

COMMUNICATIONS: CTAF 119.4 **UNICOM** 122.95

RCO 122.35 (BOISE RADIO)

SEATTLE CENTER APP/DEP CON 123.95

TOWER 119.4 (1400-0600Z±) **GND CON** 121.9

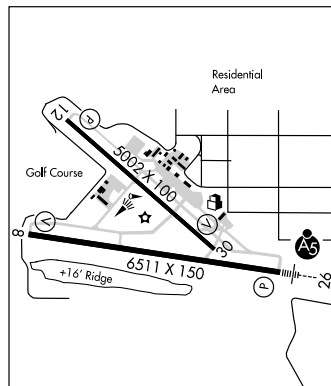
AIRSPACE: CLASS D svc 1400-0600Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWS.

NEZ PERCE (L) VOR/DME 108.2 **MQG** Chan 19 N46°22.89' W116°52.17' 246° 6.1 NM to fld. 1720/20E.

DME unmonitored.

ILS 109.7 **I-LWS** Rwy 26. Class IE. ILS unmonitored when tower closed. Autopilot coupled approaches not applicable blo 2500 ft.



SNAKE RIVER SPB (78U) 1 SW UTC-8(-7DT) N46°23.99' W117°03.06'

SEATTLE

735 NOTAM FILE BOI

WATERWAY N-S: 3000X150 (WATER)

WATERWAY S: P-line.

SEAPLANE REMARKS: Attended Apr-Oct 1500Z±-dusk and Nov-Mar irregularly. P-lines cross Snake River approximately 2 miles north and 1 mile south of landing area, in addition other p-lines, telephone lines cross Snake River above and below landing area. Bridge across Snake River N of landing area. CAUTION: Landing area within Lewiston-Nez Perce County CLASS D airspace, etc Lewiston twr. Waterway N-S waterlane length and width varies. Heavy boat traffic in vicinity of Seaplane Base.

COMMUNICATIONS: CTAF 122.9

LIBERATOR N42°58.96' W115°46.46' NOTAM FILE BOI.

SALT LAKE CITY

(L) **VORW** 114.9 **LIA** 354° 9.1 NM to Mountain Home Muni.

L-11B

LOWMAN**WARM SPRINGS CREEK** (ØU1) 13 NE UTC-7(-6DT) N44°08.53' W115°18.84'**SALT LAKE CITY**

4831 NOTAM FILE BOI

RWY 02-20: 2850X135 (TURF)**RWY 02:** Brush.**RWY 20:** Trees.

AIRPORT REMARKS: Unattended. Recommend land Rwy 02, takeoff Rwy 20, when wind conditions allow. Steep hill and timber on apch to Rwy 20. No winter maintenance. Rwy 02-20 edges and thlds marked with white rocks. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9**MACKEY****COPPER BASIN** (ØU2) 12 SW UTC-7(-6DT) N43°48.12' W113°49.89'**SALT LAKE CITY**

7920 NOTAM FILE BOI

RWY 12-30: 4700X100 (TURF)**RWY 12:** Road.

AIRPORT REMARKS: Unattended. CLOSED to wheeled acft winters. Livestock on and in vicinity of arpt. No winter maintenance. Twy to midfield tiedowns 15' wide, -1' ditch adjacent to edges of twy. Rwy 12-30 edges and thresholds marked with white rocks. Arpt located in high mountain valley surrounded by high mountains.

COMMUNICATIONS: CTAF 122.9**MACKEY** (U62) 1 SE UTC-7(-6DT) N43°54.60' W113°36.14'**SALT LAKE CITY**

5892 NOTAM FILE BOI

RWY 12-30: H4389X60 (ASPH)**RWY 12:** Pline.**RWY 30:** Trees.

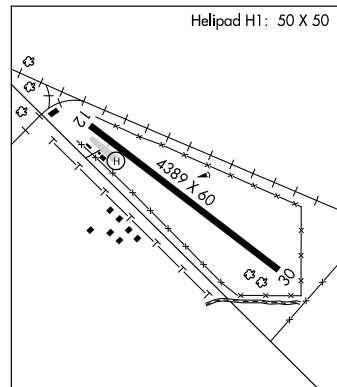
AIRPORT REMARKS: Unattended. Recommend land Rwy 30, depart Rwy 12 when winds permit. Rwy 12-30 very rough chip seal.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.**DUBOIS (H) VORTACW** 116.9 DBS Chan 116 N44°05.33'

W112°12.56' 245° 61.3 NM to fld 4915/15E.

HELIPAD H1: H50X50 (ASPH)

HELIPORT REMARKS: Square helipad located between rwy and parking area.

**MAGEE** (See COEUR D'ALENE)**MAGIC RESERVOIR** (See HAILEY)**MAHONEY CREEK USFS** (ØU3) 2 SE UTC-7(-6DT) N44°44.68' W114°55.28'**GREAT FALLS**

4618 NOTAM FILE BOI

RWY 03-21: 2150X15 (DIRT)**RWY 03:** Hill.**RWY 21:** Hill.

AIRPORT REMARKS: Unattended. Recommend ldg Rwy 21, tkf Rwy 03 when wind conditions allow. No winter maintenance. -1' ditch located 20' from centerline both sides of rwy. Rwy 03 NE end first 500' extremely rough. Rwy 03-21 thlds and edges have wood boundary markers, edge markers set at 65' width. First 500' of Rwy 21 has -1.5' to -2' deep holes. Rwy 21 has 15' elk wallow located adjacent S rwy 21 thld. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

MALAD CITY N42°11.99' W112°27.07' NOTAM FILE MLD.

SALT LAKE CITY

(H) VOR/DME 117.4 MLD Chan 121 087° 7.4 NM to Malad City. 7330/17E.

H-3D, L-11C

VOR portion unusable:

157°-167° byd 25 NM blo 11,000'.

DME portion unusable:

005°-025° byd 30 NM blo 14,000'

157°-167° byd 25 NM blo 11,000'.

RC0 122.65 (BOISE RADIO)

MALAD CITY (MLD) 3 SW UTC-7(-6DT) N42°10.23' W112°17.36'

SALT LAKE CITY

4503 B NOTAM FILE MLD

L-11C

RWY 16-34: H4950X60 (ASPH) MIRL

RWY 16: Thld dsplcd 150'. Sprinkler.

RWY 34: Thld dsplcd 210'. P-line.

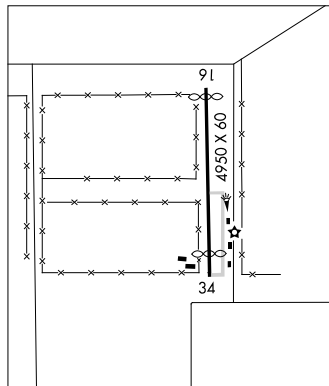
AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z†. Rwy 16-34 no dsplcd thld arrows, marked by dsplcd thld lgts and thld painted bar. ACTIVATE MIRL Rwy 16-34—CTAF.

COMMUNICATIONS: CTAF 122.9

RC0 122.65 (BOISE RADIO).

RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.

(H) VOR/DME 117.4 MLD Chan 121 N42°11.99' W112°27.07' 087° 7.4 NM to fld. 7330/17E.

**MARTIN****HOLLOW TOP** (ØU7) 11 S UTC-7(-6DT) N43°19.43' W113°35.43'

SALT LAKE CITY

5359 NOTAM FILE BOI

RWY 05-23: 2500X140 (TURF)

RWY 23: Road.

AIRPORT REMARKS: Unattended. CLOSED to wheeled acft winters. Animals on and in vicinity of arpt. No line of sight between rwy ends. Rwy 05-23 surface may be poor due to damage by livestock, ground vehicles and rodents. Rwy 05-23 edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9**MAY** (ØU8) 1 NE UTC-7(-6DT) N44°36.62' W113°53.69'

GREAT FALLS

5324 NOTAM FILE BOI

RWY 09-27: 4950X200 (TURF)

RWY 09: Pole. RWY 27: Fence.

AIRPORT REMARKS: Unattended. Recommend ldg Rwy 09, tkf Rwy 27, when wind conditions permit. No winters maintenance. Rwy 09 +40' pole 600' apch end rwy 50' R. Fence markers located on apch end of Rwy 27. Arpt located in high mountain valley surrounded by high terrain. Rwy 09-27 edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9**MC CALL****KRASSEL USFS** (24K) 17 NE UTC-7(-6DT) N44°58.45' W115°43.79'

GREAT FALLS

3982 NOTAM FILE BOI

RWY 17-35: 1500X150 (TURF)

RWY 17: Tree. RWY 35: Trees.

AIRPORT REMARKS: Unattended. Extensive helicopter ops during Summer months. Rwy 17-35 land Rwy 17, tkf Rwy 35 when wind conditions permit. Considerable rodent activity on rwy. +80' to +120' trees adjacent to both sides of rwy. Rwy 17-35 may not be mowed to full width. Rwy 17-35 rwy surface rough due to rodent holes.

COMMUNICATIONS: CTAF 122.9

MC CALL MUNI (MYL) 0 S UTC-7(-6DT) N44°53.32' W116°06.11'

GREAT FALLS

5024 B S4 FUEL 100LL, JET A, A1+ NOTAM FILE MYL

H-1C, L-13B

RWY 16-34: H6108X75 (ASPH) S-45, D-78, DT-135 MRL 0.3% up N

IAP

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 34: REIL. VASI(V2L)—GA 3.0° TCH 40'. Ground.

AIRPORT REMARKS: Attended daylight hours. 2 hr prior notice rqr for snow removal at night call (208) 634-1488/630-4659. Big game animals may be on or in vicinity of rwy. Rwy 16-34 straight in VFR landings prohibited recommend landing Rwy 34, tkf Rwy 16, when wind conditions permit. Rwy 16 has a marked 50' blast pad. USFS practices parachute jumps in/ov arpt. No helicopter parking in fixed wing tie down areas. Increased Forest Service flight ops during summer months. Parallel twy closed winter months.

WEATHER DATA SOURCES: ASOS 119.925 (208) 634-7198.**COMMUNICATIONS:** CTAF/UNICOM 122.8

CASCADE RCO 122.35 (BOISE RADIO)

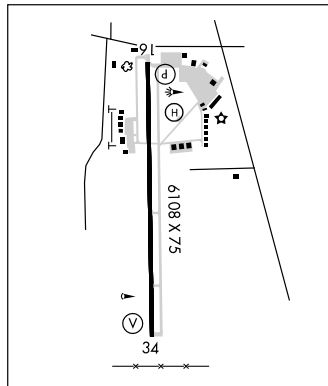
SALT LAKE CENTER APP/DEP CON 128.05

RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03'

W116°12.38' 012° 8.6 NM to fld. 7333/19E.

NDB (MHW) 363 IOM N44°48.34' W116°06.14' 343° 5.0 NM to fld. NOTAM FILE MYL. NDB unusable byd 15 NM.



• • • • •
 HELIPAD H1: H100X80 (ASPH)

• • • • •
 HELIPAD REMARKS: Helipad H1 lighted.

McCARLEY FLD (See BLACKFOOT)

MERIDIAN N43°36.20' W116°32.34' NOTAM FILE BOI.

SALT LAKE CITY

NDB (MHW) 238 MPA 136° 1.5 NM to Nampa Muni.

L-11B

MINIDALE
LEE WILLIAMS MEM (ØU9) 1 SW UTC-7(-6DT) N44°27.69' W116°45.46'

SALT LAKE CITY

2617 NOTAM FILE BOI

RWY 08-26: H2875X60 (ASPH)

RWY 08: Fence.

RWY 26: Fence.

AIRPORT REMARKS: Unattended. No winter maintenance, arpt CLOSED when snow conditions indicate. Rwy 26 +30' pline at 600' on centerline +35' bldg at 400' on centerline, +150' pline at 5000' on centerline. Rwy 08-26 250' gravel over each end. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

CASCADE RCO 122.35 (BOISE RADIO)

MIDWAY (See ATOMIC CITY)

MINIDOKA
BEAR TRAP (1UØ) 15 NE UTC-7(-6DT) N42°58.52' W113°21.05'

SALT LAKE CITY

4716 NOTAM FILE BOI

RWY 06-24: 2250X120 (TURF-DIRT)

RWY 06: Road.

AIRPORT REMARKS: Unattended. Rwy 06-24 subject to ongoing damage by livestock, ground vehicles and rodents. No winter maintenance. No line of sight between rwy ends. Rwy 06-24 edges and thlds marked with white rock.

COMMUNICATIONS: CTAF 122.9

MOOSE CREEK RANGER STATION**MOOSE CREEK (USFS)** (1U1) O SW UTC-7(-6DT) N46°07.25' W114°55.64'**GREAT FALLS**

2454 NOTAM FILE BOI

RWY 01-19: 4100X250 (TURF)**RWY 01:** Trees. **RWY 19:** Trees.**RWY 04-22:** 2300X200 (TURF)**RWY 04:** Trees. **RWY 22:** Trees.

AIRPORT REMARKS: Unattended. Rwy 01-19 CLOSED Nov 1 thru Memorial Day weekend, except for skis on snow. Ctc USFS arpt manager 208-926-4258, for briefings and rwy conditions. Rwy 01-19 recommend ldg Rwy 19 tfr Rwy 01 when wind conditions permit. Land Rwy 04, tkr Rwy 22, go around not recommended. Rwy 01-19 muddy spring and winter. Use Rwy 04-22 early spring and late fall/winter when possible due to better drainage and firmer surface. Rws subject to temporary closures. Big game animals on and in vicinity of arpt. Skis winter months. No winter maintenance.

COMMUNICATIONS: CTAF 122.9**MOUNTAIN HOME AFB**

(MUO)(KMUO) AF 10 SW UTC-7(-6DT) N43°02.62' W115°52.35'

SALT LAKE CITY

2996 B TPA—See Remarks NOTAM FILE MUO Not insp.

H-3C, L-11B**RWY 12-30:** H13501X200 (PEM) S-155, D-200, DT-330 PCN 91 F/A/W/T HIRL**DIAP, AD****RWY 12:** ALSF1. PAPI. **RWY 30:** ALSF1. PAPI.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 12:** TODA-13501 ASDA-13501**RWY 30:** TODA-13501 ASDA-13501**ARRESTING GEAR/SYSTEM****RWY 12** HOOK BAK-12B(B) (964')HOOK BAK-12B(B) (964') **RWY 30**

MILITARY SERVICE: LGT Rwy 12-30 PAPI unusable byd 5° from rwy centerline. Rwy 12-30 ILS and PAPI runway reference point not coincidental. Thld lgt gated for fighter acft. **A-GEAR** Rwy 12-30 BAK-12B in raised position, requires 30 minutes prior notice for removal. **JASU** 2(AM32A-60) **FUEL J8** **FLUID** LHGX LOX De-ice **OIL** O-148-156 JOAP **TRAN ALERT** Opr Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays. **MILITARY REMARKS:** Opr Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays. See FLIP AP/1 Supplemental Arpt Remark. **RSTD** Dep acft restricted to 4700' until passing 3 DME. PPR only except VIP Code 6 or above, AIREVAC and SAAM. Minimum 24 hrs notice required and no more than 7 days prior. Acft requiring customs must coordinate for PPR no later than 48 hrs prior. All acft must adhere to PPR estimated time of arrival +/- 30 minutes or PPR is invalid. Ctc Base OPS DSN 728-2222, C208-828-2222, fax extension 4128. **CAUTION** Taxi-lines in end of rwy are made for acft with wingspans of 43' or less only. Waterfowl hazard. **TFC PAT** TPA—Overhead 5200(2204). Rectangular 4300(1304), lgt acft/helicopter 3800(804). **NS ABTMT** Command quiet hr policy in effect 0530-1300Z†. **CSTMS/AG/IMG** Consult base ops prior planning mission. Acft req support must ctc 366 SFS police DSN 728-2256, com 208-828-2256 and/or afld manager DSN 728-2222, com 208-828-2222 at least 24 hr prior arrival. Failure to comply may result in delays. 366 SFS police provide customs for US military personnel. Customs required for all cargo and non-US military personnel must be completed by US customs office, Boise. Ensure aircrew remain at acft until customs arrive. **MISC** Afld subject to short notice closures. First 1280' Rwy 12-30 conc, mid 10940' asphaltic conc. Acft carry drag chutes to park or advise twr. Standard USAF RSRS applied. ACC acft expect reduced rwy separation: ACC acft not wishing to participate in RSRS will make intentions known on initial ctc with twr. Afld wx is monitored by AN/FMQ-19 automated observing system and augmented by human observer during opr hr. DSN 728-6303, C208-828-6303, FAX extension 4438.

COMMUNICATIONS: ATIS 273.5 PTD 138.9 372.2**RCO** 122.6 (BOISE RADIO)

Ⓡ **APP CON** 124.8 259.1 (Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays

TOWER 133.85 253.5 (Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays. **GND CON** 120.5 275.8 **CLNC DEL** 127.1 290.425

Ⓡ **DEP CON** 371.2 (Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays.

ACC COMD POST 311.0 321.0 15091 (Have QUICK timing avbl 381.3) (RAYMOND 27) **PMSV METRO** 342.5 Full svc available from WX during airfield operating hours. Remote briefing svc available from 25 OWS Davis Monthan AFB, DSN 228-6598, COM (520) 228-6598.

AIRSPACE: CLASS D svc Mon-Thu 1400-0700Z†, Fri 1400-0100Z†, clsd weekends and holidays, other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

(L) **TACAN** MUO (114.0) Chan 87 N43°02.43' W115°52.48' at fld. 3000/18E. Unmonitored when clsd. No NOTAM MP Wed 1100-1400Z†.

LIBERATOR (L) **VORW** 114.9 LIA N42°58.96' W115°46.46' 292° 5.7 NM to fld.

ILS 110.3 I-MUO Rwy 12. Unmonitored when clsd. No-NOTAM MP Mon/Tue/Fri 1100-1400Z†.

ILS 111.7 I-BRN Rwy 30. Unmonitored when clsd. No-NOTAM MP Mon/Tue/Fri 1100-1400Z†.

COMM/NAV/WEATHER REMARKS: Radar maintenance Thu 1230-1400Z†.

MOUNTAIN HOME MUNI (U76) 2 W UTC-7(-6DT) N43°07.90' W115°43.83'

SALT LAKE CITY

3167 B S4 FUEL 100LL NOTAM FILE BOI

H-3C, L-11B

RWY 10-28: H5000X75 (ASPH) S-42, D-53 MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.

RWY 28: REIL PAPI(P2L)—GA 3.0° TCH 33'. P-line.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z \pm . Arpt attended after hours emerg only. Fuel avbl 24 hrs with credit card. High performance military jet operations conducted at Mountain Home AFB 8 NM Southwest of arpt. Extensive agricultural ops. ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28 and REIL Rwy 10 and Rwy 28—CTAF.

WEATHER DATA SOURCES: AWOS-3 122.8 (617) 262-3825. OTS indef.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.6 (BOISE RADIO)

① **APP/DEP CON** 124.8 (Mon-Thu 1400-0700Z \pm , Fri 1400-0100Z \pm ,
clsd weekends and holidays)

SALT LAKE CENTER APP/DEP CON 118.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17'

W116°11.53' 124° 32.4 NM to fld. 2876/17E.

LIBERATOR (L) VORW 114.9 LIA N42°58.96' W115°46.46'

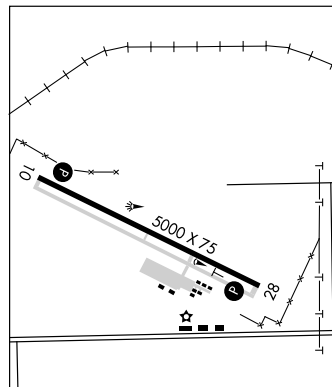
354° 9.1 NM to fld.

STURGEON NDB (MHW) 333 STI N43°06.80' W115°39.51'

272° 3.4 NM to fld. Unusable 320°-020° byd 15

NM.

COMM/NAV/WEATHER REMARKS: NOTE: See SPECIAL NOTICE—All aircraft operating within 20 NM of VOR are requested to contact Mountain Home APP CON on 124.8 for traffic advisory due to intensive military training in area.

**MUD LAKE (WEST JEFFERSON CO)** (1U2) 1 NW UTC-7(-6DT)

SALT LAKE CITY

N43°51.06' W112°30.08'

L-11C

4787 B NOTAM FILE BOI

RWY 02-20: H3300X40 (ASPH) LIRL (NSTD)

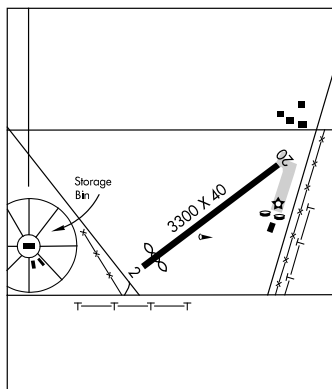
RWY 02: Thld dsplcd 400'. Fence. RWY 20: Road.

AIRPORT REMARKS: Attended May-Oct 1500-0000Z \pm , Nov-Apr irregular. LIRL Rwy 20 and rotating bcn inoperative each year 1 Nov-1 Apr. Rwy 20 has low ints thld lgts; first 600' rwy has low ints edge lgts, remaining 2700' of rwy illuminated with white edge reflectors. Dsplcd thld marked with retroreflective reflectors and thld bar. Rwy 20 +40' pole at 700', 200' right. Confirm snow removal and winter condition with arpt manager, 208-663-4328 or 208-529-3875. Night operations recommended only to pilots familiar with airport approaches and surrounding terrain.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.

DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33'

W112°12.56' 207° 19.1 NM to fld. 4915/15E.

**MULLAN PASS** N47°27.42' W115°38.76' NOTAM FILE MLP.

GREAT FALLS

(H) VORW/DME 117.8 MLP Chan 125 264° 22.7 NM to Shoshone Co. 6100/20E. HIWAS.

H-1C, L-13B

VOR portion unusable 055°-085° byd 20 NM blo 9,500'

RCO 122.15 (BOISE RADIO)

ASOS 135.475 MLP N47°27.42' W115°38.77'/6028. (208) 744-1721.

MURPHY (1U3) 0 E UTC-7(-6DT) N43°12.96' W116°32.90'

SALT LAKE CITY

2855 NOTAM FILE BOI

RWY 12-30: H2500X45 (ASPH)

RWY 12: Road. RWY 30: Road.

AIRPORT REMARKS: Unattended. Recommend land Rwy 12, txf Rwy 30 when wind condition permits. Rwy 12-30 thlds marked with painted rocks. Ctc sheriff's office in courthouse across hwy from arpt for assistance.

COMMUNICATIONS: CTAF 122.9

MURPHY HOT SPRINGS (See THREE CREEK)**NAMPA MUNI** (S67) 0 E UTC-7(-6DT) N43°34.88' W116°31.38'**SALT LAKE CITY**

2537 B S4 FUEL 100LL, JET A OX 2 TPA-3537(1000) NOTAM FILE BOI

H-1C, L-11B

RWY 11-29: H5000X75 (ASPH) S-26, D-50, DT-60 MIRL

IAP

RWY 11: PAPI(P2L)—GA 3.0° TCH 40'. Building.

RWY 29: PAPI(P2L)—GA 3.62° TCH 45'. Trees.

AIRPORT REMARKS: Attended 1400-0000Z†. 1500-0100Z‡ summer months. ACTIVATE PAPI Rwy 11 and Rwy 29—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.7

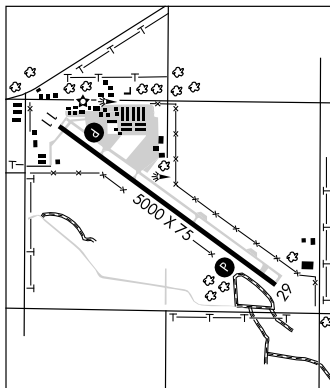
SQUAW BUTTE RCO 122.45 (BOISE RADIO)

Ⓡ **BOISE APP/DEP CON** 119.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.**BOISE (H) VORTACW** 113.3 BOI Chan 80 N43°33.17'

W116°11.53' 260° 14.5 NM to fld. 2876/17E.

MERIDIAN NDB (MHW) 238 MPA N43°36.20'

W116°32.34' 136° 1.5 NM to fld.

**NEW MEADOWS** (1U4) 0 N UTC-7(-6DT) N44°58.68' W116°17.04'**GREAT FALLS**

3908 NOTAM FILE BOI

RWY 14-32: 2400X150 (TURF-GRVL)

RWY 14: Fence. RWY 32: Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. No winter maintenance. No line of sight between rwy ends. Rwy 14-32 edges and thlds marked with white rocks. Rwy 14-32 South half 20' wide gravel strip with loose rocks up to 2", North half sparse gravel up to 2", grass may be high. No telephone avbl at arpt.**COMMUNICATIONS:** CTAF 122.9

CASCADE RCO 122.35 (BOISE RADIO)

NEZ PERCE N46°22.89' W116°52.17' NOTAM FILE LWS.**SEATTLE**

(L) VORW/DME 108.2 MQG Chan 19 246° 6.1 NM to Lewiston-Nez Perce Co. 1720/20E.

L-13B

DME unmonitored.

VOR portion unusable:

075°-115° byd 20 NM blo 12,000'

280°-290° byd 20 NM blo 4,200'

115°-155° byd 25 NM blo 6,900'

290°-335° byd 25 NM blo 4,000'

NEZ PERCE MUNI (ØS5) 0 N UTC-8(-7DT) N46°14.31' W116°14.31'**GREAT FALLS**

3201 NOTAM FILE BOI

RWY 15-33: H2400X30 (ASPH)

RWY 15: Hill. RWY 33: Trees.

AIRPORT REMARKS: Attended Apr-Oct Mon-Fri 1600-0100Z†, Nov-Mar irregularly. 55' AGL unmarked/unlgt'd steel grain twr located 1350' south of Rwy 33, 116' left of extended centerline.**COMMUNICATIONS:** CTAF 122.9**NORDMAN****PRIEST LAKE USFS** (67S) 3 S UTC-8(-7DT) N48°34.50' W116°57.81'**GREAT FALLS**

2611 NOTAM FILE BOI

RWY 14-32: 4400X175 (TURF-GRVL)

RWY 14: Road. RWY 32: Road.

AIRPORT REMARKS: Unattended. USFS helipad private use. No winter maintenance. Rwy 14-32 may not be mowed to full width. Rwy 32 +14' road at 300' on centerline, 60' trees at 500' to 1000' on centerline. Rwy 14-32 thlds marked with concrete strips. Do not park acct within 100' of wx station.**COMMUNICATIONS:** CTAF 122.9

OAKLEY MUNI (1U6) 0 S UTC-7(-6DT) N42°14.03' W113°52.66'

SALT LAKE CITY

4650 NOTAM FILE BOI

RWY 16-34: 3800X40 (GRVL)

RWY 16: Road. RWY 34: Fence.

AIRPORT REMARKS: Unattended. CAUTION: Rwy surface soft during early spring. No winter maintenance. Difficult to tell edges of grvl rwy from ditch along rwy edges.**COMMUNICATIONS:** CTAF 122.9**ONTARIO** N44°00.70' W116°24.36'

KLAMATH FALLS

RCO 122.3 (MC MINNVILLE RADIO)

L-11B

OROFINO MUNI (S68) 1 NW UTC-8(-7DT) N46°29.48' W116°16.61'

GREAT FALLS

1005 FUEL 100LL NOTAM FILE BOI

RWY 09-27: H2500X50 (ASPH) S-17 MIRL

RWY 09: Tree. Rgt tfc. RWY 27: Road.

AIRPORT REMARKS: Attended irregularly. Two 1968' MSL (250' AGL) radio towers located approximately 1 mile E Rwy 27 300' left. High terrain in all quads around arpt. Exercise caution during night ops due to terrain. ACTIVATE MIRL Rwy 09-27—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**OROGRADE** (75C) 1 NE UTC-8(-7DT) N45°43.81' W115°31.68'

GREAT FALLS

4405 NOTAM FILE BOI

RWY 01-19: 2800X50 (TURF-DIRT)

RWY 01: Trees. RWY 19: Trees.

AIRPORT REMARKS: Unattended. Land Rwy 19; depart Rwy 01 when wind conditions permit. Big game animals on and invof arpt. Vehicles have access to rwy. Recommended use early morning and late evening in summer.**COMMUNICATIONS:** CTAF 122.9**PARIS****BEAR LAKE CO** (1U7) 3 E UTC-7(-6DT) N42°14.99' W111°20.50'

SALT LAKE CITY

5928 B FUEL 100LL NOTAM FILE BOI

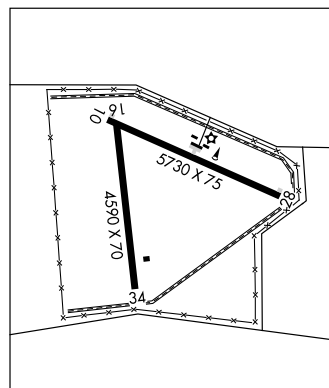
H-3D, L-11D

RWY 10-28: H5730X75 (ASPH) S-12.5 MIRL (NSTD)

RWY 10: P-line.

RWY 16-34: H4590X70 (ASPH) S-50, D-64, DT-102

RWY 16: Road.

AIRPORT REMARKS: Attended Mon-Sat continuously. Rwy 16-34 unmarked. Birds on and invof arpt. Rwy 10-28 NSTD MIRL mounted approximately 40 inches above ground, 10 feet from edge of pavement.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLD.**MALAD CITY (H) VOR/DME** 117.4 MLD Chan 121 N42°11.99' W112°27.07' 069° 49.6 NM to fld. 7330/17E.**PARMA** (50S) 1 S UTC-7(-6DT) N43°46.73' W116°56.31'

SALT LAKE CITY

2228 NOTAM FILE BOI

RWY 12-30: H2700X50 (ASPH)

RWY 12: Tree. Rgt tfc. RWY 30: Fence.

AIRPORT REMARKS: Attended irregularly. Recommend land Rwy 30, tkf Rwy 12 when wind condition permit. Rwy 12-30 +3' wooden rwy thld markers on Rwy 12, + 1.5' thld markers on Rwy 30, reflectors on rwy edges. Rwy 30 has +4' fence 185' from end of rwy on centerline.**COMMUNICATIONS:** CTAF 122.9

PAYETTE MUNI (S75) 2 NE UTC-7(-6DT) N44°05.67' W116°54.22'

SALT LAKE CITY

2228 B S8 NOTAM FILE BOI

L-11B

RWY 13-31: H3000X50 (ASPH) S-8 LIRL

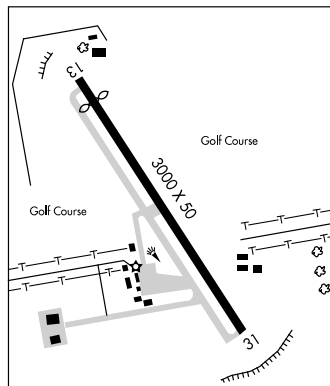
RWY 13: Thld dsplcd 250'. Trees.

AIRPORT REMARKS: Unattended. Golfers adjacent to rwy edges and Rwy 13 thld. Arpt CLOSED to acft over 10,000 lbs gross weight. Rwy 31 thlds marked with white concrete markers and white concrete boundary markers. 2885' MSL (405' AGL) marked and lgtd steel tower located 2.2 miles S of arpt. ACTIVATE LIRL Rwy 13-31—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17' W116°11.53' 300° 44.8 NM to fld. 2876/17E.



PINE (1U9) 1 S UTC-7(-6DT) N43°27.74' W115°18.55'

SALT LAKE CITY

4232 NOTAM FILE BOI

RWY 16-34: 2300X125 (TURF-DIRT)

RWY 16: Road. **RWY 34:** Brush. Rgt tfc.

AIRPORT REMARKS: Unattended. No winter maintenance. Dog-leg north end of strip. Rwy 16-34 edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9

POCATELLO RGNL (PIH) 7 NW UTC-7(-6DT) N42°54.59' W112°35.76'

SALT LAKE CITY

4452 B S4 FUEL 100LL, JET A1, A1 + OX 3, 4 Class II, ARFF Index A NOTAM FILE PIH

H-3D, L-11C

RWY 03-21: H9060X150 (ASPH-PFC) S-100, D-160, ST-175, DT-265 HIRL

IAP, AD

RWY 03: ODALS. VASI(V4L)—GA 3.0° TCH 53'.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 58'.

RWY 17-35: H7150X100 (ASPH) S-60 MIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 35: PAPI(P4L)—GA 3.0° TCH 45'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-9060 TODA-9060 ASDA-9060 LDA-9060

RWY 21: TORA-9060 TODA-9060 ASDA-9060 LDA-9060

AIRPORT REMARKS: Attended 1300-0500Z±. Flocks of waterfowl invof arpt. Twy G has no edge lights or reflectors, restricted to day use only. Radio controlled acft 1 mile east of arpt blo 400' AGL. PPR for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 208-234-6154 or 208-237-4738. Rwy 17-35 not available to air carrier ops with more than 30 passenger seats. After twr closed ACTIVATE MIRL Rwy 17-35, HIRL Rwy 03-21, ODALS Rwy 03, MALSR Rwy 21—CTAF.

WEATHER DATA SOURCES: ASOS 135.625 (208) 235-1287.

COMMUNICATIONS: CTAF 119.1 ATIS 135.625 (208) 232-2269

UNICOM 122.95

RCO 122.35 (BOISE RADIO)

® SALT LAKE CENTER APP/DEP CON 128.35

TOWER 119.1 (1300-0500Z±) GND CON 121.9

AIRSPACE: CLASS D svc 1300-0500Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.

(H) **VORTACW** 112.6 PIH Chan 73 N42°52.22' W112°39.13' 029° 3.4 NM to fld. 4433/17E.

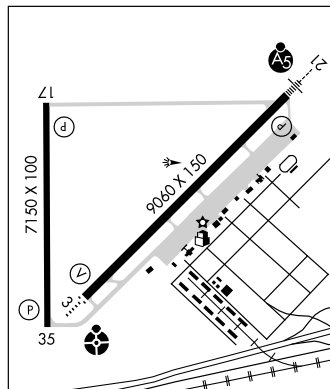
VOR portion unusable 060°-130° beyond 25 NM below 13,500'.

DME portion unusable 060°-130° beyond 25 NM below 13,500'.

TYHEE NDB (LOM) 383 PI N42°57.83' W112°30.98' 210° 4.8 NM to fld. Unmonitored when twr clsd.

ILS/DME 110.3 I-PIH Chan 40 Rwy 21. Class IE. LOM TYHEE NDB. LOC unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at tower. FBO monitors 122.95 and 123.0.



PORTHILL**ECKHART INTL** (1S1) 0 W UTC-8(-7DT) N48°59.75' W116°30.06'**GREAT FALLS**

1756 LRA NOTAM FILE BOI

RWY 15-33: 3650X175 (TURF)**RWY 15:** Trees.**RWY 33:** Road**AIRPORT REMARKS:** Unattended. Rwy 15 do not use asph twy for tkf. Recommend land Rwy 33; tkf Rwy 15 when wind condition permits. No winter maintenance. Rwy 15-33 edges and thld marked with white rocks.**COMMUNICATIONS:** CTAF/UNICOM 122.8**POST FALLS** N47°44.57' W116°47.66' NOTAM FILE COE.**GREAT FALLS****NDB (MHW)** 347 **LEN** 053° 6.0 NM to Coeur D'Alene-Pappy Boyington Fld.**L-13B****PRAIRIE****SMITH PRAIRIE** (2U0) 2 SE UTC-7(-6DT) N43°29.90' W115°32.82'**SALT LAKE CITY**

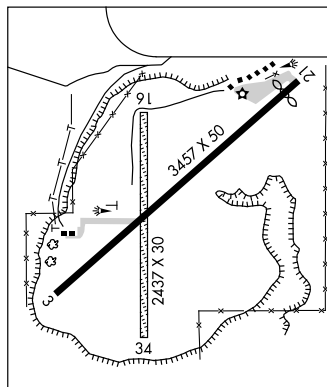
4958 NOTAM FILE BOI

RWY 05-23: 5400X150 (TURF)**RWY 05:** Fence.**RWY 23:** Fence.**AIRPORT REMARKS:** Unattended. No winter maintenance. Recommend land Rwy 05, tkf Rwy 23, when wind conditions permit. Rwy 05-23 edges and thlds marked with white rocks. No telephone avbl at arpt.**COMMUNICATIONS:** CTAF 122.9**PRESTON** (U10) 2 NW UTC-7(-6DT) N42°06.42' W111°54.75'**SALT LAKE CITY**4728 B S2 **FUEL** 100LL NOTAM FILE BOI**L-11D****RWY 03-21:** H3457X50 (ASPH) S-12 LIRL(NSTD)**RWY 21:** Thld displcd 330'. Highway.**RWY 16-34:** 2437X30 (GRVL)**RWY 16:** Road.**AIRPORT REMARKS:** Attended dalgt hours. Rwy 16-34 CLOSED winters.

Located on plateau. Sharp dropoff near thld, Rws 03, 16, and 34. Rwy 03-21 lgts located 50' from edge of pavement. Rwy 21 displcd thld marked with displcd thld lgts only. ACTIVATE LIRL Rwy 03-21—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLD.**MALAD CITY (H) VOR/DME** 117.4 **MLD** Chan 121 N42°11.99'

W112°27.07' 086° 24.7 NM to fld. 7330/17E.

**PRIEST LAKE USFS** (See NORDMAN)**PRIEST RIVER MUNI** (1S6) 1 N UTC-8(-7DT) N48°11.44' W116°54.59'**GREAT FALLS**

2187 NOTAM FILE BOI

RWY 01-19: H2950X48 (ASPH) S-12.5 LIRL(NSTD)**RWY 01:** Tree.**RWY 19:** Trees.**AIRPORT REMARKS:** Unattended. Night operations land Rwy 01 and dep Rwy 19. Rwy 01-19 has NSTD LIRL, Rwy 01 first 200' unlighted. Rwy 01-19 LIRL not in svc Dec 1-Apr 1. ACTIVATE LIRL—CTAF.**COMMUNICATIONS:** CTAF 122.9**PULLMAN/MOSCOW RGNL** (See PULLMAN/MOSCOW, WA)

REXBURG—MADISON CO (RXE) 1 NW UTC-7(-6DT) N43°50.03' W111°48.31'

SALT LAKE CITY

4858 B S4 FUEL 100LL, JET A OX 3 NOTAM FILE RXE

L-11D

RWY 17-35: H4200X75 (ASPH) S-30 MIRL

IAP

RWY 17: VASI(V4R)—GA 3.0°TCH 50'. Thld dsplcd 300'. Tree.

RWY 35: REIL. VASI(V4L)—GA 3.0°TCH 40'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-4200 TODA-4200 ASDA-4200 LDA-3900

RWY 35: TORA-4200 TODA-4200 ASDA-3900 LDA-3900

AIRPORT REMARKS: Attended Mon-Sat 1500-0100Z†. ACTIVATE VASI

Rwy 17 and Rwy 35 and REIL Rwy 35—CTAF.

WEATHER DATA SOURCES: ASOS 135.075 (208) 356-0986.**COMMUNICATIONS:** CTAF/UNICOM 122.8

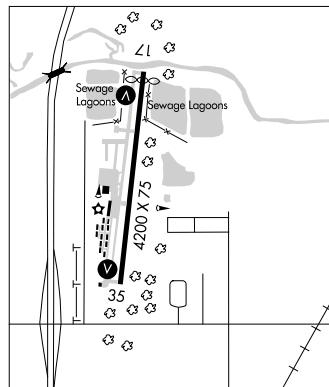
® SALT LAKE CENTER APP/DEP CON 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE IDA.

IDAHO FALLS (H) VORW/DME 113.85 IDA Chan 85(Y)

N43°31.14' W112°03.84' 016° 22.0 NM to fld.

4724/15E.

**RIGBY—JEFFERSON CO** (U56) 2 S UTC-7(-6DT) N43°38.55' W111°55.76'

SALT LAKE CITY

4845 B FUEL 100LL NOTAM FILE BOI

L-11D

RWY 01-19: H3500X50 (ASPH) LIRL

RWY 19: Thld dsplcd 200'. Road.

AIRPORT REMARKS: Unattended. Noise abatement procedures in effect.

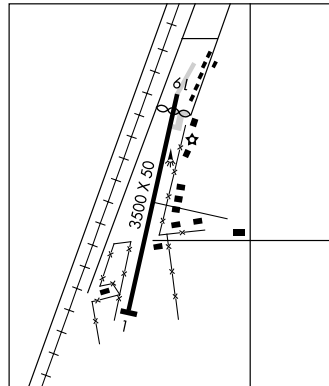
Call arpt manager 208-754-4352. ACTIVATE LIRL Rwy

01-19—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.

DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33'

W112°12.56' 140° 29.4 NM to fld. 4915/15E.

**ROCKFORD MUNI** (2U4) 0 E UTC-7(-6DT) N43°11.37' W112°31.91'

SALT LAKE CITY

4465 NOTAM FILE BOI

RWY 16-34: H2800X50 (ASPH)

RWY 16: Railroad. RWY 34: Fence.

AIRPORT REMARKS: Unattended. Rwy 16 use extreme CAUTION: railroad boxcars are often parked on centerline.

Considerable agriculture ops during growing season. No winter maintenance.

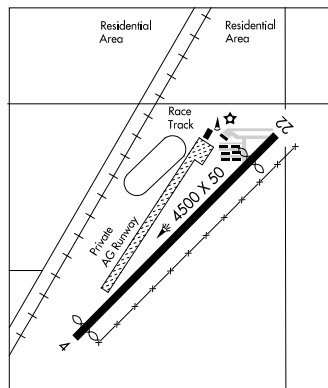
COMMUNICATIONS: CTAF 122.9

ST ANTHONY**STANFORD FLD** (U12) 1 SE UTC-7(-6DT) N43°57.01' W111°41.08'**SALT LAKE CITY**

4966 B TPA-5766(800) NOTAM FILE BOI

L-110**RWY 04-22:** H4500X50 (ASPH) MIRL**RWY 04:** Thld dsplcd 300'. P-line.**RWY 22:** Thld dsplcd 540'. Tree.**AIRPORT REMARKS:** Unattended. CAUTION: Acft opr from gravel rwy SE of paved rwy during agriculture season. Rwy 04-22 no dsplcd thld arrow markings on dsplcd thld.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.**DUBOIS (H) VORTACW** 116.9 DBS Chan 116 N44°05.33'

W112°12.56' 095° 24.2 NM to fld. 4915/15E.

**ST MARIES MUNI**

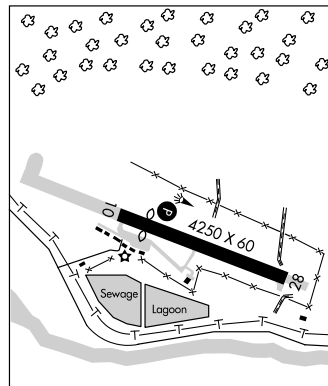
(S72) 1 NW UTC-8(-7DT) N47°19.57' W116°34.66'

GREAT FALLS

2127 B S2 FUEL 100LL NOTAM FILE BOI

L-13B**RWY 10-28:** H4250X60 (ASPH) S-12.5 MIRL (NSTD)**RWY 10:** PAPI(P2L)—GA 4.0°. TCH 39'. Thld dsplcd 715'. Trees.

Rgt tfc.

RWY 28: Trees.**AIRPORT REMARKS:** Attended on call 208-852-0941. Ultralight acft pattern established for Rwy 10 NW of rwy, rgt tfc. Rwy 10-28 NSTD MIRL first 715' west end not lgtd. Rwy 10 NSTD dsplcd thld marking yellow chevrons. ACTIVATE NSTD MIRL Rwy 10-28 and PAPI Rwy 10—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLP.**MULLAN PASS (H) VORW/DME** 117.8 MLP Chan 125 N47°27.42'W115°38.76' 239° 38.8 NM to fld. 6100/20E. **HIWAS.****SALMON**

N45°01.28' W114°05.06' NOTAM FILE SMN.

GREAT FALLS**(H) VORW/DME** 113.5 LKT Chan 82 036° 10.6 NM to Lemhi Co. 9258/18E.**H-1C, L-13C****RCO** 122.55 (BOISE RADIO)

SALMON**LEMHI CO** (SMN) 4 S UTC-7(-6DT) N45°07.43' W113°52.88'

4043 B S4 FUEL 100, JET A NOTAM FILE SMN

RWY 17-35: H5150X60 (ASPH) S-12.5 MIRL

RWY 17: REIL. PAPI(P4L)—GA 3.5° TCH 55'.

AIRPORT REMARKS: Attended 1500-0000Z±. Rwy 17-35 N 500' sharp drop-off on W shoulder. Rwy 17 use rgt tfc pattern for ngt ops only. Bcn OTS indef. ACTIVATE MIRL Rwy 17-35, REIL and PAPI Rwy 17—CTAF.

WEATHER DATA SOURCES: AWOS-3 135.075 (208) 756-4381.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SALMON RCO 122.55 (BOISE RADIO)

SALT LAKE CENTER APP/DEP CON 132.4

RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.

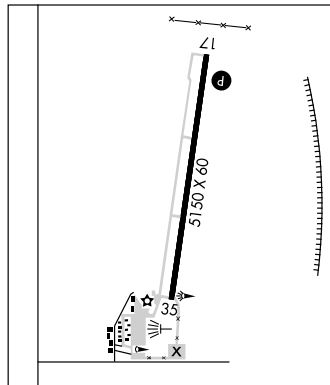
SALMON (H) VORW/DME 113.5 LKT Chan 82 N45°01.28'

W114°05.06' 036° 10.6 NM to fld. 9258/18E.

GREAT FALLS

H-1C, L-13C

IAP

**SANDPOE** N48°17.44' W116°33.79' NOTAM FILE BOI.

NDB (MHW) 264 SZT at Sandpoint. NDB unusable 360°-170° byd 15 NM; 170°-200° byd 20 NM; 200°-360° all distances and altitudes.

GREAT FALLS

L-13B

SANDPOINT (SZT) 2 N UTC-8(-7DT) N48°17.97' W116°33.61'

2131 B S4 FUEL 100LL, JET A OX 3, 4 NOTAM FILE SZT

RWY 01-19: H5501X75 (ASPH) S-40 MIRL

RWY 01: REIL. PAPI(P2L)—GA 3.75° TCH 28'. Tree.

RWY 19: REIL. PAPI(P2L)—GA 3.75° TCH 28'. Trees.

AIRPORT REMARKS: Attended 1500-0300Z± Summer, 1600-0100Z± Winter. Wildlife invof arpt. Rwy 01 additional obstruction: +23' railroad at 730' centerline, +65' P-line at 1800' on centerline, and +85' trees at 1900' on centerline. ACTIVATE MIRL Rwy 01-19 and REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously.

WEATHER DATA SOURCES: AWOS-3 135.425 (208) 263-3074.**COMMUNICATIONS:** CTAF/UNICOM 122.7

® SEATTLE CENTER APP/DEP CON 123.95

RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90'

W117°37.61' 023° 61.6 NM to fld. 2755/21E. HIWAS.

SANDPOE NDB (MHW) 264 SZT N48°17.44' W116°33.79'

at fld. NOTAM FILE BOI.

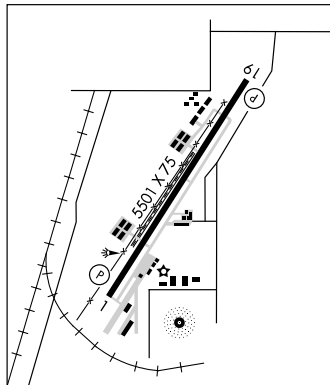
ILS/DME 109.1 I-RPO Chan 28 Rwy 01. Localizer

unusable from 1 NM to rwy thld.

GREAT FALLS

H-1C, L-13B

IAP

**SHEARER (USFS)** (2U5) 0 S UTC-8(-7DT) N45°59.37' W114°50.48'

2634 NOTAM FILE BOI

RWY 18-36: 2000X15 (TURF)

RWY 18: Hiil.

RWY 36: Trees.

AIRPORT REMARKS: Unattended. CLOSED during winter months. Inexperienced pilots should use for emergencies only. Recommend early morning or late evening operations during summer. Rwy 18-36 first 300' of rwy rough. Big game animals on and invof arpt. Located in narrow winding river canyon. Land Rwy 18, takeoff Rwy 36. Blind apch to Rwy 18; before landing/takeoff call on frequency. 122.9; monitor same. Ctc arpt manager 208-983-4060, for briefings and rwy conditions.

COMMUNICATIONS: CTAF 122.9

GREAT FALLS

SHOSHONE CO (See KELLOGG)

SLATE CREEK (1S7) 3 NW UTC-8(-7DT) N45°40.31' W116°18.34'

GREAT FALLS

1660 NOTAM FILE BOI

RWY 11-29: 2600X165 (TURF)

RWY 11: Fence.

RWY 29: P-line.

AIRPORT REMARKS: Unattended. No winter maintenance. No line of sight between rwy ends. Rwy 11-29 edges and thlds marked with white rock boundary markers. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

SMILEY CREEK (See GALENA)

SMITH PRAIRIE (See PRAIRIE)

SNAKE RIVER SPB (See LEWISTON)

SODA SPRINGS

ALLEN H TIGERT (U78) 1 SE UTC-7(-6DT) N42°38.91' W111°34.91'

SALT LAKE CITY

L-11D

5839 B FUEL 100LL NOTAM FILE U78

RWY 16-34: H3500X50 (ASPH) S-12 LIRL (NSTD)

RWY 16: TRCV(TRIL)—GA 4.0° TCH 25'. Thld dspcd 300'. Road.

RWY 34: TRCV(TRIL)—GA 3.0° TCH 15'.

RWY 13-31: H2500X50 (ASPH)

RWY 13: Tree.

RWY 31: Railroad.

AIRPORT REMARKS: Attended irregularly. Telephone

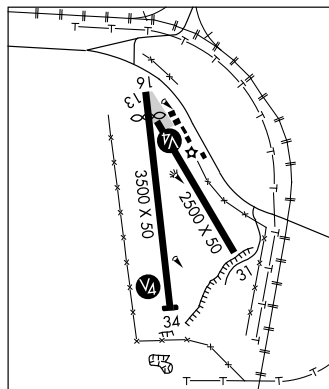
208-547-9927/2600 for svc. Sharply descending terrain near end of Rwy 31 and Rwy 34. Rwy 16-34 first 300' Rwy 16 pavement breaking up. Rwy 16-34 NSTD LIRL first 300' Rwy 16 not lgtd. Rwy 16 thld dspcd 300' at ngtd, 3200' of Rwy 16-34 lgtd at ngtd. ACTIVATE LIRL Rwy 16-34, TRCV Rwy 16 and Rwy 34—click CTAF 5 times.

WEATHER DATA SOURCES: SAWRS (dalgt observation only).

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.

MALAD CITY (H) VOR/DME 117.4 MLD Chan 121 N42°11.99' W112°27.07' 038° 47.1 NM to fld. 7330/17E.



SOLDIER BAR USFS (85U) 1 SW UTC-7(-6DT) N45°05.99' W114°48.06'

GREAT FALLS

4190 NOTAM FILE BOI

RWY 07-25: 1650X15 (DIRT)

RWY 25: Hill.

RWY 07: Trees.

AIRPORT REMARKS: Unattended. Steep canyon walls in all directions. Cabin Creek arpt approximately 7 miles west up Big Creek Canyon. Arpt on bench 500' above Big Creek on south side. West ½ of rwy has 4° slope down to the north. Go arounds not recommended. Rwy 07-25 sharp dog leg on W ½ of rwy to the north. Land Rwy 25, tkf Rwy 07. Rwy 25 thld marked with rocks. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9

SQUAW BUTTE N44°00.71' W116°24.36'

SALT LAKE CITY

RCO 122.45 (BOISE RADIO)

L-11B

STANFORD FLD (See ST ANTHONY)

STANLEY N44°10.19' W114°55.87'

SALT LAKE CITY

RCO 122.6 (BOISE RADIO)

L-11C

STANLEY**BRUCE MEADOWS** (U63) 20 NW UTC-7(-6DT) N44°24.93' W115°19.01'

SALT LAKE CITY

6370 NOTAM FILE BOI

RWY 05-23: 5000X110 (TURF-DIRT)**RWY 05:** Fence. **RWY 23:** Fence.

AIRPORT REMARKS: Unattended. Livestock and big game animals have access to rwy. Rwy 23 6' fence at 40' on centerline; 200' timbered ridge at 2000' on centerline; 13' road at 300' on centerline 20' pole at 300' on centerline; 20' pole at 400' 50' left. No winter maintenance. Recommend land Rwy 05, tkf Rwy 23 when wind conditions permit. Arpt is located on a high mountain valley surrounded by mountains. Rwy 05-23 fences with yellow and black warning panels 45' from AER 05, 40' from end of AER 23. Rwy 05-23 edges and thlds marked with white rocks. 20' wide dirt strip down center of Rwy 05-23.

COMMUNICATIONS: CTAF 122.9**STANLEY** (2U7) 1 SE UTC-7(-6DT) N44°12.51' W114°56.07'

SALT LAKE CITY

6403 NOTAM FILE BOI

RWY 17-35: 4300X150 (TURF-DIRT)**RWY 17:** Trees. **RWY 35:** Fence.

AIRPORT REMARKS: Unattended. No winter maintenance. Arpt located in valley surrounded by high mountainous terrain. Numerous air taxi operations during the summer months. Rwy 17-35 rwy edges and thlds marked with white rocks.

COMMUNICATIONS: CTAF 122.9

RCO 122.6 (BOISE RADIO)

THOMAS CREEK (2U8) 31 N UTC-7(-6DT) N44°43.58' W115°00.21'

GREAT FALLS

4400 NOTAM FILE BOI

RWY 03-21: 2100X75 (TURF-DIRT)**RWY 03:** Ridge. **RWY 21:** Trees.

AIRPORT REMARKS: Unattended. No winter maintenance. Recommend ldg Rwy 21, tkf Rwy 03, go arounds extremely difficult. Rwy 03 first 400' is dog leg with a heading of 360°. Acft loading and unloading at the south end of Rwy 21. Considerable air taxi operations mid to late summer. Rwy 03-21 usable width may vary from 75' to 100'. Arpt is located on plateau 100-150' abv river.

COMMUNICATIONS: CTAF 122.9**STEELHEAD** N42°54.97' W114°40.45' NOTAM FILE BOI.

SALT LAKE CITY

NDB (MHW) 211 HDG 255° 4.0 NM to Gooding Muni.

L-11C

STRIK N42°28.72' W114°21.27' NOTAM FILE TWF.

SALT LAKE CITY

NDB (LOM) 389 TW 256° 5.9 NM to Joslin Fld-Magic Valley Rgnl.**STURGEON** N43°06.80' W115°39.51' NOTAM FILE BOI.

SALT LAKE CITY

NDB (MHW) 333 STI 272° 3.4 NM to Mountain Home Muni. Unusable 320°-020° byd 15 NM.

L-11B

SWEDEN N43°25.93' W112°09.75' NOTAM FILE IDA.

SALT LAKE CITY

NDB (MHW) 350 SWU 024° 6.3 NM to Idaho Falls Rgnl.

L-11D

NDB unusable 025°-080° beyond 20 NM all altitude.**TANGLEFOOT SPB** (See CAVANAUGH BAY)**THOMAS CREEK** (See STANLEY)**THREE CREEK****MURPHY HOT SPRINGS** (3U0) 9 SW UTC-7(-6DT) N42°01.41' W115°20.13'

SALT LAKE CITY

5829 NOTAM FILE BOI

RWY 01-19: 5250X120 (TURF)**RWY 01:** Fence. **RWY 19:** Fence.

AIRPORT REMARKS: Unattended. Rwy 01-19 rodent damage. No winter maintenance. No line of sight between rwy ends. Recommend land Rwy 19 and depart Rwy 01 when wind conditions permit. Rwy 01-19 edges and thlds marked with white rock. No telephone avbl at arpt.

COMMUNICATIONS: CTAF 122.9**TWIN BRIDGES** (See KETCHUM)

TWIN FALLS N42°28.79' W114°29.37' NOTAM FILE TWF.

SALT LAKE CITY

(L) VORTACW 115.8 TWF Chan 105 at Joslin Fld—Magic Valley Rgnl. 4140/18E.

H-3C, L-11C

VOR portion unusable

115°-160° byd 30 NM blo 11,000'

115°-160° byd 33 NM blo 12,000'

DME unusable

105°-160° byd 20 NM blo 15,000'

RCO 122.25 (BOISE RADIO)

TWIN FALLS**JOSLIN FLD—MAGIC VALLEY RGNL** (TWF) 4 S UTC-7(-6DT)

SALT LAKE CITY

N42°28.91' W114°29.27'

H-3C, L-11C

4154 B S4 FUEL 100LL, JET A1 + OX 1, 3 Class II, ARFF Index A NOTAM FILE TWF

IAP, AD

RWY 07-25: H8703X150 (ASPH-PFC) S-75, D-200, ST-175,

DT-250 HIRL

RWY 07: REIL. VASI(V4L)—GA 3.0° TCH 50'.

RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 12-30: H3224X150 (ASPH) S-19 1.3% up SE

RWY 12: Trees.

RWY 30: Antenna.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 07	12-30	4500
RWY 25	12-30	3600

AIRPORT REMARKS: Attended 1330-0300Z†. Additional fuel service fee between 0300-1330Z†, call 208-733-5920 or 539-4034 for information. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 208-733-5215. Rwy 12-30 and Twy G, Twy H, Twy J and Twy K non-air carrier movement area. When twr clsd ACTIVATE HIRL Rwy 07-25, MALSR Rwy 25, REIL Rwy 07—CTAF. Landing fee for all FAR Part 121, 135 operators and general aviation Part 91 acft greater than 12,500 lbs maximum gross landing weight. For information ctc airport manager 208-733-5215.

WEATHER DATA SOURCES: ASOS 135.025 (208) 733-1878.**COMMUNICATIONS:** CTAF 118.2 UNICOM 122.95

TWIN FALLS RCO 122.25 (BOISE RADIO)

TWIN FALLS APP/DEP 126.7 (1300-0400Z†)

®SALT LAKE CENTER APP/DEP CON 118.05 (0400-1300Z†)

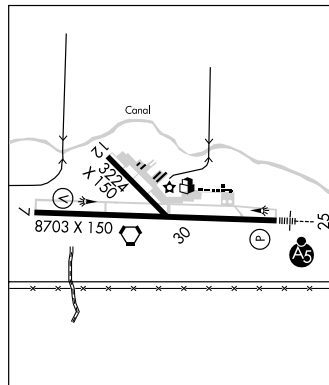
TWIN FALLS TOWER 118.2 (1300-0400Z†) GND CON 121.7

AIRSPACE: CLASS D svc 1300-0400Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE TWF.

TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79' W114°29.37' at fld. 4140/18E.

STRIK NDB (LOM) 389 TW N42°28.72' W114°21.27' 256° 5.9 NM to fld.

ILS 108.3 I-TWF Rwy 25. Class IE. LOM STRIK NDB. ILS unmonitored when twr closed.

COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at twr.**TYHEE** N42°57.83' W112°30.98' NOTAM FILE PIH.

SALT LAKE CITY

NDB (LOM) 383 PI 210° 4.8 NM to Pocatello Rgnl. Unmonitored when twr clsd.

L-11C

UCONN N43°35.87' W111°58.84' NOTAM FILE IDA.

SALT LAKE CITY

NDB (LOM) 324 ID 201° 6.4 NM to Idaho Falls Rgnl.

UPPER LOON CREEK USFS (See CHALLIS)**USTIK** N43°35.81' W116°18.91' NOTAM FILE BOI.

SALT LAKE CITY

NDB (HW/LOM) 359 BO 099° 4.5 NM to Boise Air Terminal (Gowen Fld).

L-11B

WARM SPRINGS CREEK (See LOWMAN)

WARREN (USFS) (3U1) 0 NW UTC-7(-6DT) N45°16.09' W115°41.01'

GREAT FALLS

5896 NOTAM FILE BOI

RWY 11-29: 2765X50 (DIRT)

RWY 11: Trees. **RWY 29:** Road.

AIRPORT REMARKS: Unattended. No winter maintenance. Rwy width varies from 65' to 85'. Rwy 11-29 thlds marked with white rock. Recommend land Rwy 11, tkf Rwy 29 when wind conditions allow. Downdrafts prevalent Rwy 11 summer months. Recommended use early morning and late evening in summer. Not recommended for inexperienced pilots. Road crosses rwy approximately 800' from Rwy 11 thld. No telephone avbl at arpt. Rwy 11-29 has some loose rocks to 2 inches in diameter, isolated spots of embedded flat rocks to 6 inches in diameter and some spotty weed growth to 12 inches.

COMMUNICATIONS: CTAF 122.9

WEATHERBY USFS (See ATLANTA)

WEISER MUNI (S87) 3 S UTC-7(-6DT) N44°12.28' W116°57.63'

SALT LAKE CITY

2120 B S3 FUEL 100LL NOTAM FILE BOI

L-11B

RWY 12-30: H4000X60 (ASPH) S-12.5 MIRL

IAP

RWY 12: REIL. Trees.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

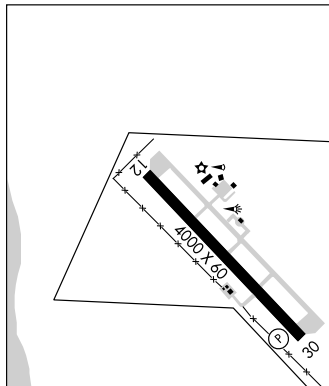
AIRPORT REMARKS: Attended continuously. Birds on and in vicinity of arpt. Extensive agricultural ops Mar-Oct. ACTIVATE MIRL Rwy 12-30 and REIL Rwy 12 and Rwy 30—CTAF. PAPI Rwy 30 opr continuously.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 128.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03' W116°12.38' 205° 46.8 NM to fld. 7333/19E.



YELLOW PINE

JOHNSON CREEK (3U2) 3 S UTC-7(-6DT) N44°54.73' W115°29.14'

GREAT FALLS

4933 NOTAM FILE BOI

RWY 17-35: 3400X150 (TURF)

RWY 17: Ridge. **RWY 35:** Fence.

AIRPORT REMARKS: Attended Jun-Aug, Thu-Mon 1500-0000Z±. Big game animals on and invof arpt. No winter maintenance. Recommend land Rwy 17, tkf Rwy 35 when wind conditions allow. Rwy 17-35 plus 60' trees 100' each side of centerline. Be alert for sprinklers on rwy. Additional 250' of length avbl for tkf on Rwy 35 end. Rwy 17-35 edges and thlds marked with white rocks. Special considerations should be given to density altitude, turbulence and mountain flying proficiency.

COMMUNICATIONS: CTAF 122.9

ANACONDA**BOWMAN FLD** (3U3) 3 NE UTC-7(-6DT) N46°09.19' W112°52.07'

5034 B FUEL 100LL, JET A NOTAM FILE GTF

RWY 16-34: H6011X75 (ASPH) MIRL 0.6% up S

RWY 16: PAPI(P2L)—GA 3.0° TCH 37'.

RWY 34: PAPI(P2L)—GA 3.5° TCH 50'. Tree. Rgt tfc.

RWY 04-22: H4515X60 (ASPH) S-18, D-25 MIRL 1.0% up SW

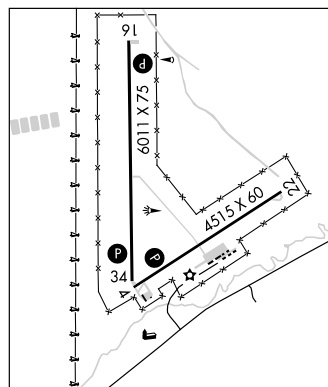
RWY 04: PAPI(P2L)—GA 3.75° TCH 44'. P-line.

AIRPORT REMARKS: Unattended. Fuel unavailable indef. Phone on fld. Unlighted hazardous stack 585' AGL located 3.2 NM SW of arpt.

ACTIVATE MIRL Rwy 04-22 and Rwy 16-34, PAPI Rwy 16, Rwy 34, Rwy 04 and AWOS—CTAF.

WEATHER DATA SOURCES: AWOS-A 122.8 (406) 563-8275. Plus visibility.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 132.4

RADIO AIDS TO NAVIGATION: NOTAM FILE BTM.**COPPERTOWN (L) VORW/DME** 111.6 CPN Chan 53 N46°01.92' W112°44.85' 309° 8.8 NM to fld. 5780/16E.**GREAT FALLS**H-1D, L-13C
IAP**ASHLAND****ST LABRE MISSION** (3U4) 1 NW UTC-7(-6DT) N45°36.00' W106°16.03'

2909 NOTAM FILE GTF

RWY 13-31: 3830X95 (GRVL-DIRT)

RWY 13: Tree. RWY 31: Tree.

AIRPORT REMARKS: Unattended. Vehicles and horses in vicinity of rwy. 100' lgtd antenna 1/2 mile southwest of arpt on hill. Hay bales and farm equipment adjacent to rwy. Rwy 13-31 muddy when wet.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BILLINGS****AUGUSTA** (3U5) 2 SE UTC-7(-6DT) N47°27.80' W112°22.80'

4145 NOTAM FILE GTF

RWY 01-19: 3650X75 (TURF)

RWY 01: Fence. Rgt tfc. RWY 19: Hay bales. Rgt tfc.

AIRPORT REMARKS: Unattended. Wildlife on and in vicinity of arpt. Unlimited vehicle access to arpt. Rwy 01-19 gopher holes on rwy surface. Rwy 01-19 marked with white cones.**COMMUNICATIONS:** CTAF 122.9**GREAT FALLS****BABB** (49S) 1 SE UTC-7(-6DT) N48°50.70' W113°25.64'

4518 NOTAM FILE GTF

RWY 14-32: 3860X110 (TURF)

RWY 14: Trees. Rgt tfc. RWY 32: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Livestock on and in vicinity of arpt. Rwy 14-32 soft when wet. Gopher holes on rwy surface. Tall grass at north end. Rwy 14 markings NSTD, tires faded and obscured by weeds. No snow removal. Rwy 14-32 edge marked with painted tires full length.**COMMUNICATIONS:** CTAF 122.9**GREAT FALLS**

BAKER MUNI (BHK) 1 SE UTC-7(-6DT) N46°20.86' W104°15.57'

BILLINGS

2975 B S4 FUEL 100LL, JET A NOTAM FILE BHK

L-13E

RWY 13-31: H4898X75 (ASPH) S-17.5, D-22.5 MIRL 0.3% up SE

IAP

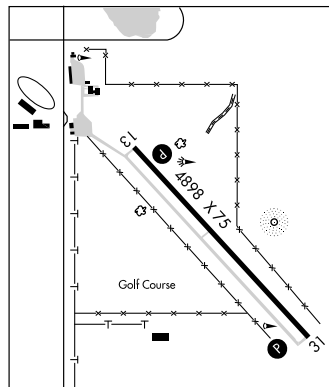
RWY 13: PAPI(P2L)—GA 3.0° TCH 33'. Antenna.

RWY 31: PAPI(P2L)—GA 3.25° TCH 13'. Fence.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z, Sat 1500-1900Z. MIRL Rwy 13-31 and PAPI Rwy 13 and Rwy 31 opr dusk-0500Z after 0500Z activate—CTAF.

WEATHER DATA SOURCES: ASOS 135.475 (406) 778-3312.**COMMUNICATIONS:** CTAF 122.9.⑧ **SALT LAKE CENTER APP/DEP CON** 126.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE DIK.**DICKINSON (H) VORTACW** 112.9 DIK Chan 76 N46°51.60'W102°46.41' 230° 68.7 NM to fld. 2520/14E. **HIWAS.****TIMBER NDB (HW)** 344 BKU N46°20.88' W104°15.38' at fld.

NOTAM FILE BHK.

**BENCHMARK** (3U7) 0 SE UTC-7(-6DT) N47°28.88' W112°52.19'

GREAT FALLS

5434 NOTAM FILE GTF

H-1D, L-13C

RWY 12-30: H6000X100 (ASPH) S-45, D-80, DT-140

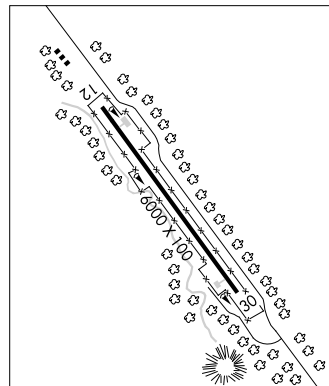
RWY 12: Trees.

RWY 30: Hill.

AIRPORT REMARKS: Unattended. No services avbl. Mountains parallel E and W of arpt. Rwy 30 recommended departure rwy conditions permitting. Rwy 12 rises uphill 120' with rising terrain beyond. Rwy subject to moderate to severe crosswinds and turbulence. No snow removal winters. Arpt is located within the Lewis and Clark National Forest.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE GTF.**GREAT FALLS (H) VORTACW** 115.1 GTF Chan 98 N47°27.00'

W111°24.73' 256° 59.4 NM to fld. 3672/16E.

**BERT MOONEY** (See BUTTE)**BIGFORK****FERDALE AIRFIELD** (53U) 3 NE UTC-7(-6DT) N48°04.50' W114°00.06'

GREAT FALLS

3060 S4 TPA—See Remarks NOTAM FILE GTF

RWY 15-33: 3500X95 (TURF)

RWY 15: Trees.

RWY 33: Trees.

AIRPORT REMARKS: Unattended. Snow removal may be delayed call for conditions 406-257-5994. Rwy 15-33 white cones mark full rwy length. Red tfc cones mark each rwy thld. Dep procedure straight out through TPA of 4060(1000).

COMMUNICATIONS: CTAF 122.9

BIG SANDY (3U8) 1 S UTC-7(-6DT) N48°09.75' W110°06.80'

GREAT FALLS

2700 B S3 TPA-3500(800) NOTAM FILE GTF

L-13D

RWY 06-24: H3600X60 (ASPH) S-4 HIRL

RWY 24: Road.

RWY 13-31: 2975X50 (TURF)

RWY 13: P-line. RWY 31: Fence.

RWY 18-36: 1430X55 (TURF)

RWY 18: P-line.

AIRPORT REMARKS: Attended continuously. Rwy 13-31 thlds marked with boards on a frame structure painted black and yellow. ACTIVATE HIRL Rwy 06-24—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE HVR.

HVR (L) VORW/DME 111.8 HVR Chan 55 N48°32.43' W109°46.20' 195° 26.5 NM to fld. 2583/16E.

BIG SKY FLD (See CULBERTSON)**BIG TIMBER** (6S0) 2 SW UTC-7(-6DT) N45°48.38' W109°58.87'

GREAT FALLS

4492 B S4 FUEL 100LL, JET A NOTAM FILE GTF

H-1D, L-13D

RWY 06-24: H5285X75 (ASPH) S-12 MIRL

RWY 24: PAPI(P2L)—GA 3.0° TCH 45'.

RWY 18-36: 4000X100 (TURF)

RWY 18: Fence.

RWY 36: Fence.

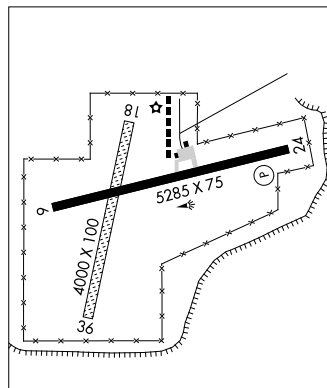
AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†, Sat-Sun on call.

For attendant Sat-Sun call 406-932-4389. MIRL Rwy 06-24 opr dusk-dawn, other times ACTIVATE—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE LVM.

LIVINGSTON (H)VORW/DME 116.1 LVM Chan 108 N45°42.15'

W110°26.55' 057° 20.4 NM to fld. 4650/15E.



BILLINGS LOGAN INTL (BIL) 2 NW UTC-7(-6DT) N45°48.46' W108°32.57'

BILLINGS

3652 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 ARFF Index—See Remarks NOTAM FILE BIL H-1E, L-13D
RWY 10L-28R: H10518X150 (ASPH-PFC) S-130, D-170, ST-175, DT-285 HIRL IAP, ADRWY 10L: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. 0.8% down.
RWY 28R: REIL. PAPI(P4R)—GA 3.0° TCH 56'. Ground. 1.0% up.RWY 07-25: H5501X75 (ASPH-GRVD) S-12.5 MIRL
1.9% up SW

RWY 07: PAPI(P4L)—GA 3.0° TCH 27'. Ground.

RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 35'.

RWY 10R-28L: H3801X75 (ASPH) S-12 MIRL 1.2% up NW

RWY 10R: Ground.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5501 TODA-5501 ASDA-5501 LDA-5501

RWY 10L: TORA-10518 TODA-10518 ASDA-10518 LDA-10518

RWY 25: TORA-5501 TODA-5501 ASDA-5501 LDA-5501

RWY 28R: TORA-10518 TODA-10518 ASDA-10518 LDA-10518

AIRPORT REMARKS: Attended continuously. Rwy 07-25 and Rwy 10R-28L CLOSED to acft over 12,500 lbs. Migratory waterfowl invof arpt. Snow removal ops in progress winter months. Class I, ARFF Index C. PPR unscheduled air carrier ops with more than 30 passenger seats ctc arpt ops 406-657-8495. ARFF Index B from 0800-1300Z±. 180° turns Rwy 10L-28R by acft over 25000 lbs prohibited. For MIRL Rwy 10R-28L and Rwy 07-25, HIRL Rwy 10L-28R, MALSR Rwy 10L and REIL Rwy 25 and Rwy 28R ctc twr.

WEATHER DATA SOURCES: ASOS (406) 248-2773. LLWAS.**COMMUNICATIONS:** ATIS 126.3 UNICOM 122.95

RCO 122.55 (GREAT FALLS RADIO)

① APP/DEP CON 120.5 (West) 119.2 (East)

TOWER 127.2 GND CON 121.9 CLNC DEL 121.9 PRE TAXI CLNC 121.9

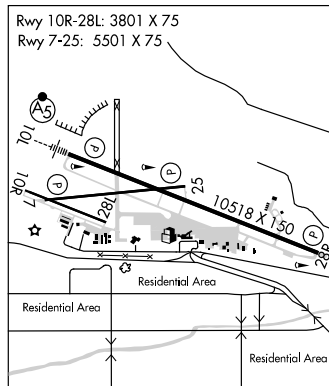
AIRSPACE: CLASS C svc ctc APP CON 20 NM Out.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIL.

(H) VORTACW 114.5 BIL Chan 92 N45°48.51' W108°37.48' 077° 3.4 NM to fld. 3808/14E.

SAIGE NDB (LOM) 251 BI N45°51.13' W108°41.67' 099° 6.9 NM to fld.

ILS 110.3 I-BIL Rwy 10L Class IB. LOM SAIGE NDB.

ILS/DME 111.5 I-BMO Chan 52 Rwy 28R. Class IA. Localizer unusable byd 20° left and right of course.

**BOULDER** (3U9) 2 S UTC-7(-6DT) N46°12.70' W112°06.35'

GREAT FALLS

4968 NOTAM FILE GTF

RWY 11-29: 3675X72 (TURF)

RWY 11: Hill. RWY 29: Road.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 11-29 thlds marked with faded red cones, edges marked with white cones. -2' drainage ditch +1' berm W side of rwy full length, 43' from Rwy 11-29 centerline.

COMMUNICATIONS: CTAF 122.9**BOWMAN FLD** (See ANACONDA)**BOZEMAN** N45°47.03' W111°09.33' NOTAM FILE BZN.

GREAT FALLS

(H) VORW/DME 112.4 BZN Chan 71 at Gallatin Fld. 4430/18E.

H-1D, L-13C

VOR portion unusable 360°-105° beyond 20 NM. DME portion unusable 350°-105° beyond 20 NM.

RCO 122.5 (GREAT FALLS RADIO)

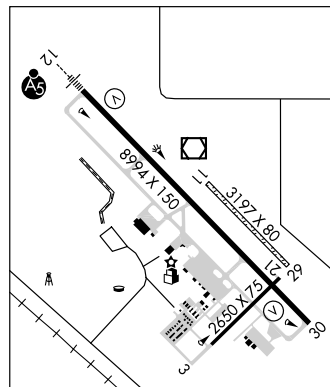
BOZEMAN**GALLATIN FLD** (BZN) 7 NW UTC-7(-6DT) N45°46.65' W111°09.12'4473 B S4 **FUEL** 100, 100LL, JET A OX 1, 2, 3, 4 TPA—See remarks

Class I, ARFF Index B NOTAM FILE BZN

RWY 12-30: H8994X150 (ASPH-GRVD) S-75, D-200, ST-175, DT-360 **HIRL****RWY 12:** MALSR. VASI(V4L)—GA 3.0° TCH 55'. 0.5% up.**RWY 30:** REIL. VASI(V4L)—GA 3.0° TCH 51'. 0.4% down.**RWY 03-21:** H2650X75 (ASPH) S-12.5 0.8% up SW**RWY 11-29:** 3197X80 (TURF) 0.4% up SE**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 12	12-30	6841

AIRPORT REMARKS: Attended 1300-0700Z†. Parachute Jumping. For after hour svcs call fixed base operators 406-388-1351/4152. Migratory birds invof arpt. Rwy 11-29 open when dry, clsd when wet or snow covered. Glider ops on and invof arpt. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 406-388-6632. Rwy 21 between Rwy 12-30 and Twy A avbl for air carrier use day/VFR only. Snow removal equipment monitors CTAF. Tkf Rwy 03 prohibited until after confirming no tfc using Rwy 12. TPA—Single Engine 5303(829), Multi Engine/Turbojet 5802(1329). When twr clsd ACTIVATE HIRL Rwy 12-30, and MALSR Rwy 12—CTAF. At all times ACTIVATE REIL Rwy 30—CTAF. Landing fee for acft over 12,500 pounds.

WEATHER DATA SOURCES: ASOS (406) 388-4882.**COMMUNICATIONS:** CTAF 118.2 ATIS 135.425 **UNICOM** 122.95**BOZEMAN RCO** 122.5 (GREAT FALLS RADIO)**SALT LAKE CENTER APP/DEP CON** 132.4**BOZEMAN TOWER** 118.2 (1300-0700Z†) **GND CON** 121.8**AIRSPACE:** CLASS D svc 1300-0700Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BZN.**BOZEMAN (H) VORW/DME** 112.4 BZN Chan 71 N45°47.03' W111°09.33' at fld. 4430/18E**MANNI NDB (LOM)** 266 BZ N45°52.31' W111°17.14' 117° 8.0 NM to fld. LOM unusable 340°-110° byd 15 NM all altitudes.**ILS** 109.3 I-BZN Rwy 12 Class IE. LOM MANNI NDB. LOM unusable 340°-110° byd 15 NM all altitudes.**GREAT FALLS**H-1D, L-13C
IAP, AD**BRIDGER MUNI** (6S1) 0 W UTC-7(-6DT) N45°17.50' W108°55.54'

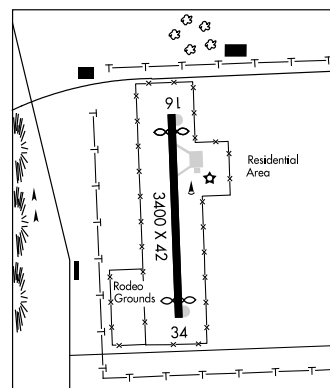
3720 B NOTAM FILE GTF

RWY 16-34: H3400X42 (ASPH) S-4 **LIRL** (NSTD)**RWY 16:** Thld dspcd 120'. Tree.**RWY 34:** Thld dspcd 475'. Hill. Rgt tfc.

AIRPORT REMARKS: Unattended. Rwy 16 thld relocated 120' for ngt ops only not marked. Rwy 34 dspcd thld marked by numbers 3280' avbl for ngt ops. Rwy 16-34 LIRL NSTD. West side 57' from pavement edge, East side 47' from pavement edge. Each thld has 4 lgts total. ACTIVATE LIRL Rwy 16-34—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIL.**BILLINGS (H) VORTACW** 114.5 BIL Chan 92 N45°48.51' W108°37.48' 188° 33.5 NM to fld. 3808/14E.**BILLINGS**

L-13D



BROADUS (ØØF) 3 NW UTC-7(-6DT) N45°28.23' W105°27.44'

BILLINGS

3280 B FUEL 100LL NOTAM FILE GTF

L-13E

RWY 10-28: H4400X75 (ASPH) S-12.5 MIRL

RWY 10: Rgt tfo.

AIRPORT REMARKS: Unattended. MIRL Rwy 10-28 opr dusk-1700. After 1700 ACTIVATE MIRL Rwy 10-28—CTAF.

COMMUNICATIONS: CTAF 122.9

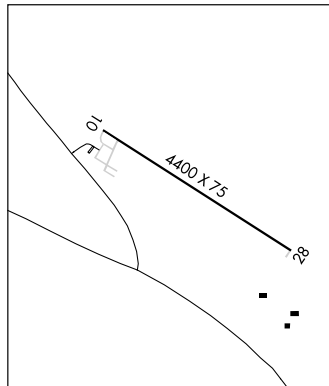
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VOR/DME 112.1 MLS Chan 58 N46°22.93'

W105°57.21' 144° 58.5 NM to fld. 2640/15E.

NDB (MHW) 335 BDX N45°26.15' W105°24.67'

302° 2.9 NM to fld. NOTAM FILE GTF. VFR only.



BROWNING

STARR-BROWNING AIRSTRIP (8SØ) 5 NW UTC-7(-6DT) N48°36.08' W113°06.89'

GREAT FALLS

4655 B NOTAM FILE GTF

L-13C

RWY 06-24: H4069X74 (ASPH) MIRL

AIRPORT REMARKS: Unattended. Livestock on and in vicinity of arpt.

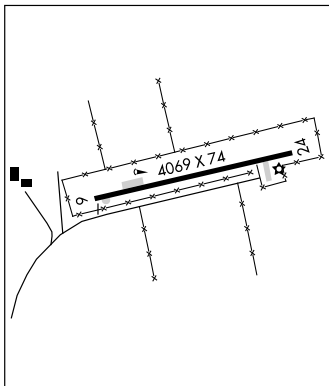
Irregular snow removal. Rwt 06-24 twy has debris and gravel, weeds encroaching. ACTIVATE MIRL Rwy 06-24—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.

CUT BANK (L) VORTACW 114.4 CTB Chan 91 N48°33.90'

W112°20.60' 257° 30.8 NM to fld. 3780/17E.



BUTTE N45°57.20' W112°29.83'

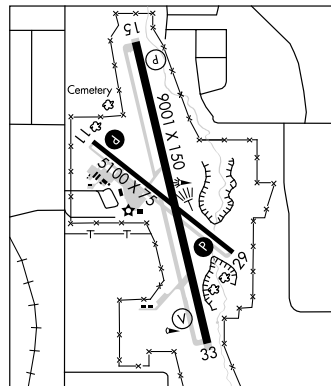
GREAT FALLS

RC0 122.2 122.4 (GREAT FALLS RADIO)

L-13C

BUTTE**BERT MOONEY** (BTM) 3 SE UTC-7(-6DT) N45°57.29' W112°29.85'5550 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index A
NOTAM FILE BTM**RWY 15-33:** H9001X150 (ASPH-GRVD) S-75, D-160, ST-175,
DT-250 MIRL**RWY 15:** REIL. PAPI(P4L)—GA 3.5° TCH 55'. Rgt tfc. 0.6% up.**RWY 33:** VASI(V4L)—GA 3.0° TCH 78'. Tower.**RWY 11-29:** H5100X75 (ASPH-GRVD) S-12.5 MIRL**RWY 11:** REIL. PAPI(P2L)—GA 4.0° TCH 38'. Road.**RWY 29:** REIL. PAPI(P2L)—GA 4.0° TCH 45'. Bldg.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 11:** TORA-5100 TODA-5100 ASDA-5100 LDA-5100**RWY 29:** TORA-5100 TODA-5100 ASDA-5100 LDA-5100

AIRPORT REMARKS: Attended dawn-dusk. Deer invof arpt. Snow removal ops in progress during periods of snow. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 406-494-3771. Twy D rstd to acft 12,500 lbs or less between Rwy 29 apch end and Rwy 15-33, and Twy D between Rwy 11 apch end and Twy F. Rwy 11-29 from Rwy end 29 to Rwy 15-33 and from Twy F to Rwy end 11 not avbl for air carrier acft over 12,500 lbs. Fee for all commercial acft and acft over 10,000 pounds. Landing fee. Rwy 11 PAPI straight-in only. Rwy 33 do not use VASI byd 1.5 miles due to high terrain. PAPI restricted to 2.1 NM from Rwy 29 thld due to high terrain. MIRL Rwy 15-33 preset low ints dusk-dawn, MIRL Rwy 11-29 avbl on req 0600Z+ to dawn. ACTIVATE MIRL Rwy 15-33 and Rwy 11-29, PAPI Rwy 11 and Rwy 29, and REIL Rwy 11, Rwy 29, and Rwy 15—CTAF.

WEATHER DATA SOURCES: ASOS 135.175 (406) 494-1870.**COMMUNICATIONS:** CTAF/UNICOM 123.0**COPPERTOWN RCO** 122.65 (GREAT FALLS RADIO)**BUTTE RCO** 122.2 122.4 (GREAT FALLS RADIO)**SALT LAKE CENTER APP/DEP CON** 132.4**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTM.**COPPERTOWN (L) VORW/DME** 111.6 CPN Chan 53 N46°01.92' W112°44.85' 098° 11.4 NM to fld.
5780/16E.**WHITEHALL (H) VORW/DME** 113.7 HIA Chan 84 N45°51.71' W112°10.18' 274° 14.8 NM to fld. 5530/18E.**ILS/DME** 110.9 I-BEY Chan 46 Rwy 15. Class IE.**BUTTE AERO HELIPORT** (84U) 4 SE UTC-7(-6DT) N45°57.20' W112°29.83'

5553 B S4 FUEL 100, 100LL, JET A OX 1, 2, 3, 4 LRA NOTAM FILE GTF

HELIPAD H2: H80X30 (ASPH)

HELIPORT REMARKS: Attended dawn-dusk. Helipad may be used for snowpiling during winter months ctc arpt manager 406-494-3771 for current conditions. Grass growing through cracks in helipad. For customs contact GREAT FALLS AFSS.

COMMUNICATIONS: CTAF/UNICOM 123.0**CANYON FERRY** (See TOWNSEND)**CAPITOL** N46°36.40' W111°56.23'. NOTAM FILE HLN.**NDB (HW)** 335 CVP 254° 1.9 NM to Helena Rgnl. Unmonitored when twr clsd.**GREAT FALLS****L-13C****CHESTER** N48°30.48' W110°58.85'. NOTAM FILE GTF.**NDB (MHW)** 323 LTY at Liberty Co. VFR only.**GREAT FALLS****L-13C**

CHOTEAU (CII) 1 NE UTC-7(-6DT) N47°49.70' W112°10.10'

GREAT FALLS

3947 B FUEL 100LL JET A NOTAM FILE GTF

H-1D, L-13C

RWY 14-32: H5000X75 (ASPH) S-16 MIRL

IAP

RWY 14: PAPI(P2L)—GA 3.0° TCH 23'.

RWY 32: PAPI(P2L)—GA 3.0° TCH 25. Tree.

RWY 05-23: H3700X60 (ASPH) S-12.5 MIRL

RWY 05: PAPI(P2L)—GA 3.0° TCH 25'.

RWY 23: PAPI(P2L)—GA 3.0° TCH 23. Road.

AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z†. ACTIVATE MIRL

Rwy 05-23 and Rwy 14-32, PAPI Rwy 05 and

Rwy 23 and Rwy 14 and Rwy 32—122.8.

COMMUNICATIONS: CTAF/UNICOM 122.8

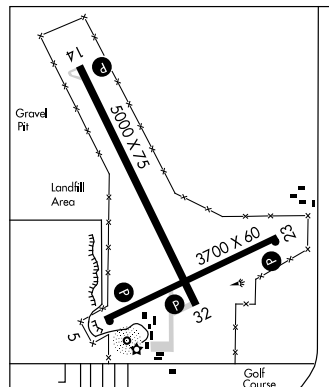
SALT LAKE CENTER APP/DEP CON 133.4

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.

GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00'

W111°24.73' 291° 38.2 NM to fld. 3672/16E.

NDB (MHW) 269 CII N47°49.35' W112°10.26' at fld.

**CIRCLE TOWN CO** (4U6) 1 E UTC-7(-6DT) N47°25.12' W105°33.72'

BILLINGS

2426 B S4 FUEL 100LL NOTAM FILE GTF

L-13E

RWY 12-30: H4100X75 (ASPH-PFC) S-25 MIRL

RWY 12: Railroad.

RWY 30: VASI(V2L)—GA 3.0° TCH 20'.

RWY 03-21: 2500X195 (TURF)

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†. Rwy 03-21

CLOSED winter months. Rwy 03-21 unusable in wet weather. Rwy

03-21 thld marked with red cones. Rwy 03-21 is rough, with long

grass. ACTIVATE MIRL Rwy 12-30—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

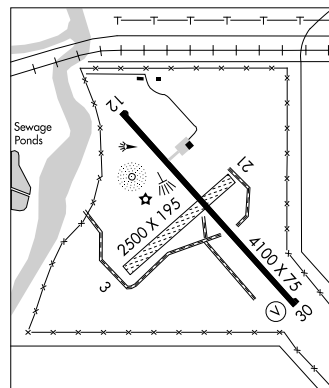
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93'

W105°57.21' 359° 64.3 NM to fld. 2640/15E.

NDB (HW) 245 CRR N47°25.10' W105°33.53' at fld.

NOTAM FILE GTF. VFR only.

**CLINTON****ROCK CREEK** (RCØ) 3 SE UTC-7(-6DT) N46°43.63' W113°39.46'

GREAT FALLS

3547 NOTAM FILE GTF

RWY 07-25: 4100X75 (TURF)

RWY 07: Hill. Rgt tfc.

RWY 25: Pole. Rgt tfc.

AIRPORT REMARKS: Unattended. Gopher holes full rwy length. Snow removal irregular. Trees and terrain in transition

sfc both sides of rwy.

COMMUNICATIONS: CTAF 122.9

COLSTRIP (M46) 3 SW UTC-7(-6DT) N45°51.17' W106°42.56'

BILLINGS

3426 B NOTAM FILE GTF

H-1E, 2F, L-13D

RWY 06-24: H5100X75 (ASPH) S-12.5 MIRL 0.9% up SW

IAP

RWY 06: PAPI(P2L)—GA 3.0° TCH 26'. Hill.

RWY 24: PAPI(P2L)—GA 3.0° TCH 26'.

AIRPORT REMARKS: Attended on call. Deer on airport. MIRL Rwy 06-24 and PAPI Rwy 06 and Rwy 24 preset low ints dusk-0600Z†, after 0600Z‡ ACTIVATE—CTAF. Phone available on arpt.

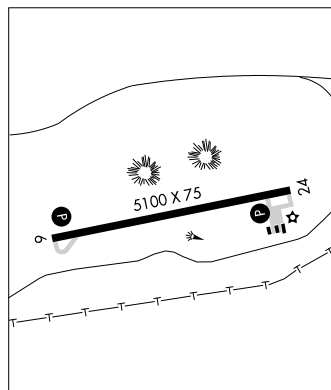
COMMUNICATIONS: CTAF 122.9

SALT LAKE CENTER APP/DEP CON 127.75.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93'

W105°57.21' 210° 44.8 NM to fld. 2640/15E.

**COLUMBUS** (6S3) 0 SE UTC-7(-6DT) N45°37.83' W109°14.36'

GREAT FALLS

3575 B S4 FUEL 100LL NOTAM FILE GTF

L-13D

RWY 10-28: H3814X75 (ASPH) S-12.5 MIRL

RWY 10: Bldg. RWY 28: PAPI(P2R)—GA 3.0° TCH 27'. Brush.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†. ACTIVATE MIRL Rwy 10-28 and PAPI Rwy 28—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIL.

BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51' W108°37.48' 234° 28.0 NM to fld. 3808/14E.

CONDON USFS (S04) 1 NW UTC-7(-6DT) N47°32.33' W113°43.22'

GREAT FALLS

3686 NOTAM FILE GTF

RWY 13-31: 2575X135 (TURF)

RWY 13: Trees. RWY 31: Trees.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 13-31 measured from Rwy 31 marked thld to end of Rwy 13 maintained area. Rwy 31 thld marked with white cement. Trees in all transitional surfaces.

COMMUNICATIONS: CTAF 122.9**CONNER****WEST FORK LODGE** (4U7) 5 SW UTC-7(-6DT) N45°51.15' W114°13.18'

GREAT FALLS

4247 FUEL 100LL NOTAM FILE GTF

RWY 02-20: 2600X65 (GRVL-TURF)

RWY 02: Tree. RWY 20: Road.

AIRPORT REMARKS: Attended continuously. Rwy 02-20 plowed winter months. Livestock, birds and wildlife on and in/ov arpt. Recommended for experienced pilots only, steep terrain surrounding airport. Recommended takeoff Rwy 20 when conditions allow.

COMMUNICATIONS: CTAF 122.9

CONRAD (S01) 1 W UTC-7(-6DT) N48°10.12' W111°58.59'

GREAT FALLS

3545 B S2 FUEL 100LL NOTAM FILE GTF

L-13C

RWY 06-24: H4601X75 (ASPH) S-12.5 MIRL 0.4% up SW

IAP

RWY 06: P-line.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 25'. Tree.

RWY 15-33: 2800X100 (TURF)

RWY 15: P-line.

RWY 33: Road.

AIRPORT REMARKS: Attended May-Sep 1500-0300Z†, Oct-Apr

1500-0100Z†. For fuel call 406-271-4060. Intermittent snow removal be alert during winter months. Rwy 15-33 has tire ruts just north of pavement and large gopher holes. Rwy 15-33 marked with plastic cones full length. MIRL Rwy 06-24, PAPI and REIL Rwy 24 ops dusk-0500Z†. Rwy 24 PAPI OTS indef. After 0500Z† ACTIVATE MIRL Rwy 06-24, PAPI and REIL Rwy 23—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

CUT BANK RCO 122.2 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 133.4

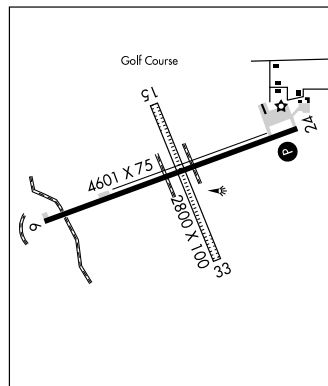
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.

CUT BANK (L) VORTACW 114.4 CTB Chan 91 N48°33.90'

W112°20.60' 131° 28 NM to fld. 3780/17E.

NDB (MHW) 293 CRD N48°11.14' W111°54.85' 231° 2.7

NM to fld. NOTAM FILE GTF.



COPPERTOWN N46°01.92' W112°44.85' NOTAM FILE BTM.

GREAT FALLS

(L) VORW/DME 111.6 CPN Chan 53 098° 11.4 NM to Bert Mooney. 5780/16E.

L-13C

VOR unusable:

346°-100° byd 20 NM blo 15,000'

185°-200° byd 30 NM

157°-275° byd 22 NM blo 16,000'

218°-225° byd 30 NM

DME unusable:

346°-127° byd 22 NM blo 15,000'

157°-275° byd 22 NM blo 17,000'

185°-200° byd 30 NM

218°-225° byd 30 NM

RCO 122.65 (GREAT FALLS RADIO)

CULBERTSON

BIG SKY FLD (S85) 1 NE UTC-7(-6DT) N48°09.20' W104°30.23'

BILLINGS

1954 B S4 FUEL 100LL NOTAM FILE GTF

L-13E

RWY 08-26: H3800X60 (ASPH) S-4 MIRL

RWY 08: Road. RWY 26: PAPI(P2L)—GA 3.0° TCH 27'.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†, on call all hours 406-787-6277/6325. Rwy 08-26 has cracks and sfc spalling.

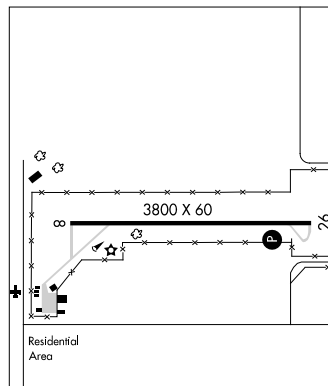
ACTIVATE MIRL Rwy 08-26 and PAPI Rwy 26—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.

WILLISTON (L) VORTACW 116.3 ISN Chan 110 N48°15.21'

W103°45.04' 247° 30.8 NM to fld. 2372/12E. HIWAS.



CUT BANK MUNI (CTB) 3 SW UTC-7(-6DT) N48°36.50' W112°22.57'

3854 B S4 FUEL 100LL, JET A AOE NOTAM FILE CTB
 RWY 13-31: H5300X75 (ASPH-PFC) S-12 MIRL 0.3% up NW

RWY 31: REIL VASI(V4L)—GA 3.0° TCH 43'.

RWY 05-23: H5299X75 (ASPH-PFC) S-12 MIRL 0.3% up SW

RWY 23: PAPI(P2L)—GA 3.0° TCH 40'

AIRPORT REMARKS: Attended 1530-0030Z+. Fuel after hours call 406-873-8683. Agricultural acft ops from April-August. ACTIVATE MIRL Rwy 05-23 and Rwy 13-31, PAPI Rwy 23, REIL Rwy 31—CTAF. VASI Rwy 31 on 24 hours. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 119.025 (406) 873-2939.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.2 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 133.4

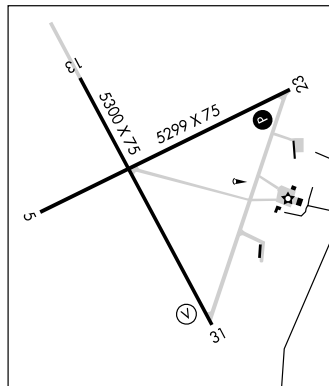
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.

(L) VORTACW 114.4 CTB Chan 91 N48°33.90'
 W112°20.60' 316° 2.9 NM to fld. 3780/17E.

GREAT FALLS

H-1D, L-13C

IAP

**DAWSON COMMUNITY** (See GLENDIVE)**DEER LODGE-CITY-CO** (38S) 2 W UTC-7(-6DT) N46°23.20' W112°45.87'

4693 B FUEL 100LL, JET A NOTAM FILE GTF

RWY 12-30: H5799X75 (ASPH) S-30, D-36 MIRL

RWY 12: PAPI(P2L)—GA 3.75° TCH 35'.

RWY 30: PAPI(P2L)—GA 3.0° TCH 24'.

AIRPORT REMARKS: Unattended. Phone on fld. ACTIVATE MIRL Rwy 12-30 and PAPI Rwy 12 and Rwy 30—CTAF.

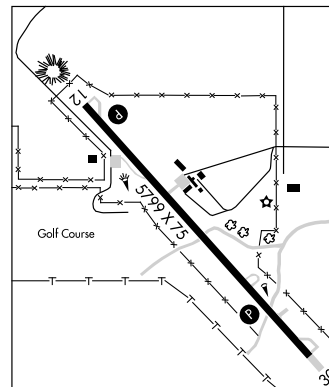
COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BTM.

COPPERTOWN (L) VORW/DME 111.6 CPN Chan 53 N46°01.92'
 W112°44.85' 342° 21.3 NM to fld. 5780/16E.

GREAT FALLS

H-1D, L-13C



DELL FLIGHT STRIP (4U9) 1 NW UTC-7(-6DT) N44°44.14' W112°43.20'

GREAT FALLS

H-1D, L-13C

6007 B NOTAM FILE GTF

RWY 14-32: H7000X70 (ASPH) MIRL

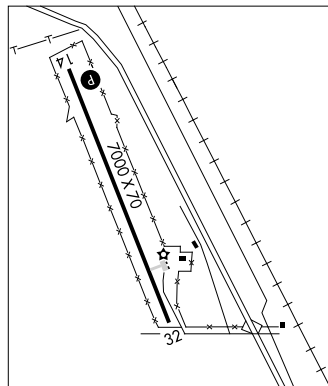
RWY 14: PAPI(P2L)—GA 3.5° TCH 30'. P-line.

RWY 32: Road.

AIRPORT REMARKS: Unattended. Deer on and in/ov arpt. Powerline marked with red globe. Snow removal irregular. Rwy marked with numbers only. ACTIVATE MIRL Rwy 14-32 and PAPI Rwy 14—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.**DUBOIS (H) VORTACW** 116.9 DBS Chan 116 N44°05.33'

W112°12.56' 316° 44.6 NM to fld. 4915/15E.

**DENTON** (5U0) 0 N UTC-7(-6DT) N47°19.25' W109°56.51'

GREAT FALLS

3592 NOTAM FILE GTF

RWY 09-27: 2550X180 (TURF)

RWY 09: Fence.

RWY 27: Road.

AIRPORT REMARKS: Unattended. Migratory bird flocks around sewage lagoons N of Rwy 27 thld. Rwy 09-27 multiple gopher holes and large badger holes in rwy, especially eastern 900' of rwy. Rwy 09-27 numerous gopher holes in rwy surface. Only center 50' of rwy is mowed. Rwy 09-27 has +3' wooden boundary markers located at each rwy end.

COMMUNICATIONS: CTAF 122.9**DILLON** (DLN) 4 NE UTC-7(-6DT) N45°15.32' W112°33.15'

GREAT FALLS

H-1D, L-13C

IAP

5241 B S4 FUEL 100LL, JET A NOTAM FILE DLN

RWY 17-35: H6500X75 (ASPH) S-60, D-75 MIRL 1.3% up S

RWY 17: PAPI(P2L)—GA 3.0° TCH 34'.

RWY 35: Road.

RWY 04-22: H3599X60 (ASPH) S-30, D-50 MIRL

RWY 04: Road.

RWY 22: PAPI(P2L)—GA 3.0° TCH 27'. Road.

AIRPORT REMARKS: Attended 1500-0000Z±. For arpt attendant after hrs call 406-660-0734. Rwy visibility blocked by hangers/buildings on Rwy 17, confirm presence of other acft prior to txf. All departures prohibited on Rwy 04 due to rwy visibility blocked by hangers/buildings. ACTIVATE MIRL Rwy 17-35 and Rwy 04-22; PAPI Rwy 17 and Rwy 22—CTAF.

WEATHER DATA SOURCES: ASOS 135.225 (406) 683-5470.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.15 (GREAT FALLS RADIO)

® SALT LAKE CENTER APP/DEP CON 132.4

RADIO AIDS TO NAVIGATION: NOTAM FILE DLN.

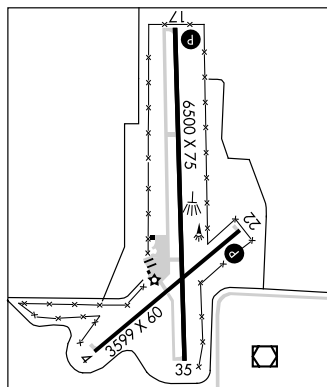
(H) VOR/DME 113.0 DLN Chan 77 N45°14.91'

W112°32.83' at fld. 5260/18E.

DME portion unusable:

045°-090° byd 30 NM blo 11,700'

090°-140° byd 30 NM blo 12,600'



140°-180° byd 30 NM blo 11,500'

275°-290° byd 30 NM blo 12,500'

DRUMMOND (M26) 3 SW UTC-7(-6DT) N46°37.25' W113°12.30'

GREAT FALLS

4245 NOTAM FILE 3DU

RWY 07-25: 2400X125 (TURF)

RWY 09: Road.

RWY 27: Fence.

AIRPORT REMARKS: Unattended. Rwy 07-25 extremely soft when wet. Snow removal irregular. Rwy 07-25 marked with white cones full rwy length.

COMMUNICATIONS: CTAF 122.9**DUTTON** (5U1) 1 E UTC-7(-6DT) N47°50.83' W111°41.90'

GREAT FALLS

3699 B NOTAM FILE GTF

RWY 16-34: 3130X115 (ASPH-TURF) LIRL (NSTD)

RWY 34: Hill.

AIRPORT REMARKS: Unattended. Snow removal intermittent. Rwy 16-34 2430'X40' ASPH strip S end center portion followed by 700'X115' TURF. TURF portion in poor condition. Rwy 16 thld marked with yellow corrugated tin panels. Rwy 16-34 NSTD LIRL. Rwy edge lghts dsplcd from Rwy 34 70' right 55' left from rwy centerline. 2750' of rwy lghtd for ngt ops.

COMMUNICATIONS: CTAF 122.9**EDGAR & OBIE** (See CHINOOK)**EKALAKA** (97M) 2 SE UTC-7(-6DT) N45°52.68' W104°32.25'

BILLINGS

L-13E

3503 B NOTAM FILE GTF

RWY 13-31: H3800X75 (ASPH) S-12.5 MIRL

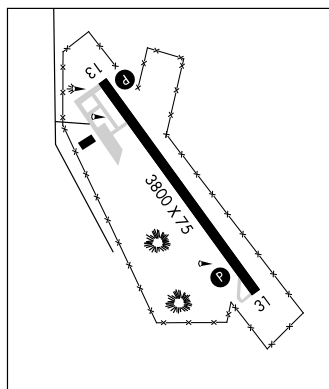
RWY 13: PAPI(P2L)—GA 3.0° TCH 24'.

RWY 31: PAPI (P2L)—GA 3.0° TCH 29'.

AIRPORT REMARKS: Unattended. Beacon is located ¾ mile NE on hill top. PAPI Rwy 13 OTS indef. MIRL Rwy 13-31 and PAPI Rwy 13 and Rwy 31 preset medium ints dusk-0700Z, other hours ACTIVATE—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93' W105°57.21' 102° 66.4 NM to fld. 2640/15E.

**ENNIS-BIG SKY** (EKS) 6 SE UTC-7(-6DT) N45°16.46' W111°38.93'

GREAT FALLS

H-1D, L-13C

5423 B S2 FUEL 100, JET A NOTAM FILE GTF

RWY 16-34: H6600X75 (ASPH) S-12.5, D-18 MIRL

RWY 16: PAPI(P2L)—GA 3.0° TCH 21'. Fence. Rgt tfc.

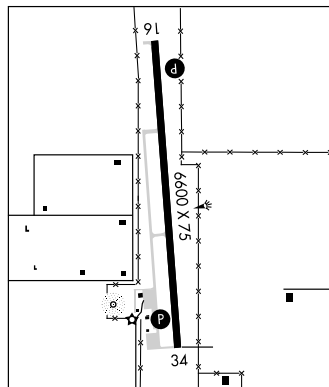
RWY 34: PAPI(P2L)—GA 3.0° TCH 37'. Road.

AIRPORT REMARKS: Attended on call. Attended as needed by calling ahead for arpt conditions and availability 406-682-7502. For Jet A fuel after hours call 406-682-7502. ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BZN.

BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45°47.03' W111°09.33' 196° 37.0 NM to fld. 4430/18E.

NDB (MHW) 286 EKS N45°15.95' W111°39.08' at fld.
NOTAM FILE GTF. VFR only.



EUREKA (88M) 5 N UTC-7(-6DT) N48°58.43' W115°04.58'

GREAT FALLS

2668 B **FUEL** 100LL NOTAM FILE GTF

L-13B

RWY 18-36: H4200X75 (ASPH) S-12.5

RWY 18: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 36: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended on call. Ultralights on and invof arpt. 24 hr self service credit card fuel. Rwy 18-36 STROBE. ACTIVATE STROBE Rwy 18-36 and PAPI Rwy 18 and Rwy 36—CTAF.

WEATHER DATA SOURCES: AWOS-A 122.9 (406) 889-3366. Plus visibility.

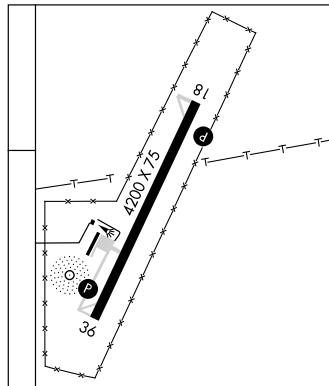
COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

KALISPELL (H) VORW/DME 113.2 FCA Chan 79 N48°12.85' W114°10.55' 304° 58.0 NM to fld. 2980/18E.

NDB (MHW) 392 EUR N48°57.83' W115°05.53' at fld. NOTAM FILE GTF. VFR only.

COMM/NAV/WEATHER REMARKS: Wx station on arpt, ACTIVATE CTAF 2 clicks.



FAIRFIELD (5U5) 1 N UTC-7(-6DT) N47°37.75' W111°58.80'

GREAT FALLS

3989 B NOTAM FILE GTF

L-13C

RWY 18-36: H3800X40 (ASPH) LIRL (NSTD)

RWY 18: P-line.

RWY 36: Building.

RWY 07-25: 1525X90 (TURF)

RWY 07: Fence.

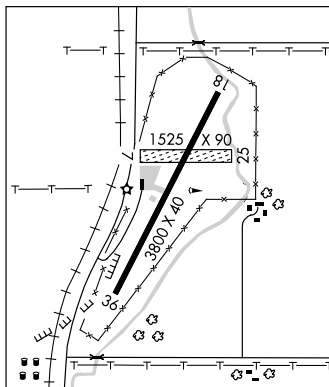
RWY 25: Fence.

AIRPORT REMARKS: Unattended. Snow removal intermittent. Rwy 18-36 NSTD LIRL, lgts spaced 27' from rwy edges both sides. Thld lgts set back 2' from paved thld. ACTIVATE NSTD LIRL Rwy 18-36—CTAF. Rwy 18-36 LIRL OTS indefinitely.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.

GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00' W111°24.73' 279° 25.5 NM to fld. 3672/16E.



FAIRGROUNDS AIRPARK (See HARDIN)

FAIRVIEW (5U6) 1 NW UTC-7(-6DT) N47°51.67' W104°04.36'

BILLINGS

2152 NOTAM FILE GTF

RWY 08-26: 3000X75 (TURF)

RWY 08: Road.

RWY 26: Pole.

AIRPORT REMARKS: Unattended. For arpt conditions or snow removal etc arpt manager 406-433-2415. Rwy 08-26 marked with white cones spaced 200' apart. Thld marked with red cones.

COMMUNICATIONS: CTAF 122.9

FERNDAL AIRFIELD (See BIGFORK)

FORSYTH N46°16.17' W106°31.05' NOTAM FILE GTF.

BILLINGS

NDB (MHW) 236 FOR 257° 4.4 NM to Tillitt Fld.

L-13E

FORSYTH**TILLITT FLD** (1S3) 3 E UTC-7(-6DT) N46°16.27' W106°37.43'2727 B S4 **FUEL** 100LL NOTAM FILE GTF**RWY 08-26:** H4799X75 (ASPH-PFC) S-12, D-16 MIRL**RWY 08:** PAPI(P2L)—GA 3.0° TCH 29'. Trees.**RWY 26:** PAPI(P2L)—GA 3.0° TCH 29'. Road.**AIRPORT REMARKS:** Attended irregularly. Rwy 26 PAPI OTS indef. MIRL

Rwy 08-26 operates dusk-0500Z†, after 0500Z†

ACTIVATE—CTAF. ACTIVATE PAPI Rwy 08 and Rwy 26—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLS.**MILES CITY (H) VOR/DME** 112.1 MLS Chan 58 N46°22.93'

W105°57.21' 242° 28.7 NM to fld. 2640/15E.

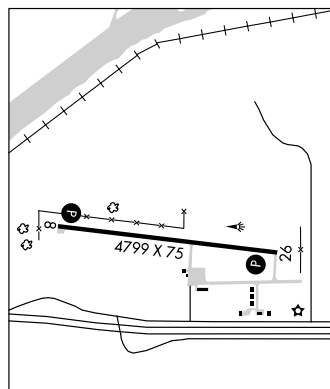
FORSYTH NDB (MHW) 236 FOR N46°16.17' W106°31.05'

257° 4.4 NM to fld. NOTAM FILE GTF.

BILLINGS

L-13D

IAP

**FORT BELKNAP AGENCY** (See HARLEM)**FORT BENTON** (79S) 1 NE UTC-7(-6DT) N47°50.71' W110°38.19'2869 B S4 **FUEL** 100LL NOTAM FILE GTF**RWY 05-23:** H4300X75 (ASPH) S-12.5 MIRL**RWY 05:** PAPI(P2L)—GA 3.0° TCH 40' P-line.**RWY 23:** PAPI(P2L) GA 3.0° TCH 40'.**RWY 14-32:** 1700X75 (DIRT)**RWY 14:** P-line.**AIRPORT REMARKS:** Unattended. Call in advance for fuel

406-622-3221/5249/3489. For svcs call 406-622-3489.

ACTIVATE MIRL Rwy 05-23 and PAPI Rwy 05 and Rwy 23—CTAF.

WEATHER DATA SOURCES: AWOS-A 122.8 (406) 622-5976.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® SALT LAKE CENTER APP/DEP CON 133.4

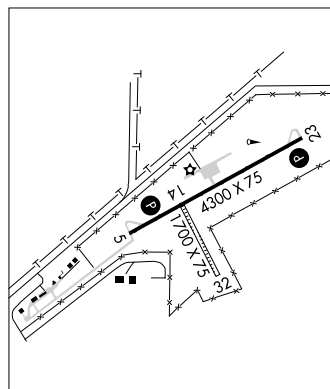
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.**GREAT FALLS (H) VORTACW** 115.1 GTF Chan 98 N47°27.00'

W111°24.73' 037° 39.4 NM to fld. 3672/16E.

COMM/NAV/WEATHER REMARKS: AWOS-A plus visibility.**GREAT FALLS**

L-13C

IAP

**FORT PECK** (37S) 1 W UTC-7(-6DT) N48°00.30' W106°28.93'2290 **FUEL** 100LL NOTAM FILE GTF**RWY 12-30:** 4100X125 (TURF)**RWY 12:** Thld dsplcd 1300'.**RWY 05-23:** 2700X100 (TURF)**RWY 05:** P-line. **RWY 23:** P-line.**AIRPORT REMARKS:** Unattended. For fuel call 406-228-2433 or 406-228-4848. Ultralights on and invof arpt.**COMMUNICATIONS:** CTAF 122.9**BILLINGS**

FORT SMITH LANDING STRIP (5U7) 1 N UTC-7(-6DT) N45°19.25' W107°55.87'

BILLINGS

3242 NOTAM FILE GTF

L-13D

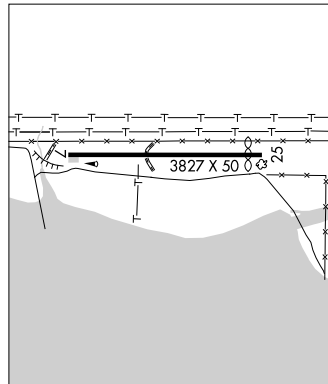
RWY 07-25: H3827X50 (ASPH) S-8

RWY 07: P-line. RWY 25: Thld dsplcd 140'. P-line.

AIRPORT REMARKS: Unattended. Wildlife on and invof rwy. Rwy 07-Be alert: Multiple p-lines of varying elevations and distances invof of arpt.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIL.

BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51' W108°37.48' 121° 41.4 NM to fld. 3808/14E.

**FRANK WILEY FLD** (See MILES CITY)**GALLATIN FLD** (See BOZEMAN)**GARDINER** (29S) 2 NW UTC-7(-6DT) N45°03.00' W110°44.80'

GREAT FALLS

5286 FUEL 100, JET A NOTAM FILE GTF

L-13C

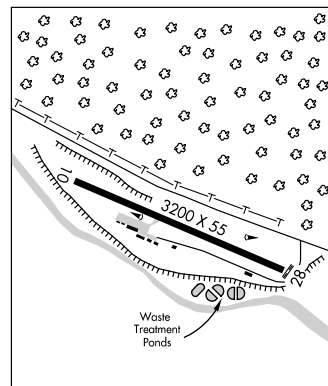
RWY 10-28: H3200X55 (ASPH-AFSC) S-4

RWY 10: Rgt tfc. RWY 28: Hill.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†. For fuel after hours call 406-848-7794. Rwy lgts for emerg use only. ACTIVATE LIRL Rwy 10-28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE LVM.

LIVINGSTON (H) VORW/DME 116.1 LVM Chan 108 N45°42.15' W110°26.55' 183° 41.2 NM to fld. 4650/15E.



GERALDINE (5U8) 0 S UTC-7(-6DT) N47°35.80' W110°15.96'

GREAT FALLS

3173 B NOTAM FILE GTF

L-13D

RWY 07-25: H2900X75 (ASPH) LIRL

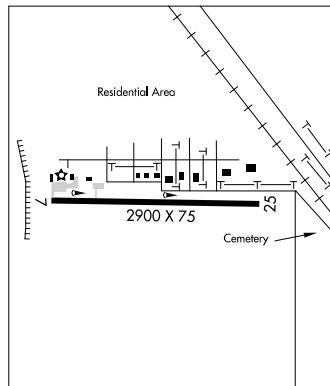
RWY 07: Ground. **RWY 25:** P-line.

AIRPORT REMARKS: Unattended. Rwy 07-25 has 4 shallow holes up to 8' diameter, broken pavement, 25' from the west end. ACTIVATE LIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.

LEWISTOWN (H) VORW/DME 112.0 LWT Chan 57 N47°03.18' W109°36.37' 306° 42.3 NM to fld. 4133/15E.



GLACIER PARK INTL (See KALISPELL)

GLASGOW N48°12.92' W106°37.53'. NOTAM FILE GGW.

BILLINGS

(H) VORW/DME 113.9 GGW Chan 86 at Wokal Fld/Glasgow Intl 2280/14E.

H-1E, 2F, L-13D

RCO 122.25 (GREAT FALLS RADIO)

GLASGOW

WOKAL FLD/GLASGOW INTL (GGW) 1 NE UTC-7(-6DT) N48°12.75' W106°36.88'

BILLINGS

2296 B S4 FUEL 100, JET A1 + Class III, ARFF Index A NOTAM FILE GGW

H-1E, 2F, L-13D

RWY 12-30: H5001X100 (ASPH-AFSC) S-55, D-70, ST-89, DT-100 MIRL

IAP

RWY 12: REIL. VASI(V4L)—GA 3.0° TCH 38'.

RWY 30: REIL. VASI(V4L)—GA 3.0° TCH 40'.

RWY 08-26: H5000X75 (ASPH-GRVD) S-25, D-45, DT-75 MIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 30'.

RWY 26: REIL. VASI(V2L)—GA 3.0° TCH 26'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 12: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 26: TORA-5000 TODA-5000 ASDA-6047 LDA-5000

RWY 30: TORA-5001 TODA-5001 ASDA-5231 LDA-5001

AIRPORT REMARKS: Attended 1500-0000Z+. For svc after hrs phone 406-228-4023. After hours credit card fueling. Rwy 12-30 and Rwy 08-26 have distance to go signs, Rwy 12-30 and Rwy 08-26 have rwy sidestripe markers. ACTIVATE MIRL Rwy 08-26 and Rwy 12-30, REIL Rwy 08, Rwy 12, Rwy 26 and Rwy 30 —CTAF. VASI Rwy 12, Rwy 26 and Rwy 30 and PAPI Rwy 08 operate 24 hrs. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 135.175 (406) 228-8294.

COMMUNICATIONS: CTAF/UNICOM 122.8

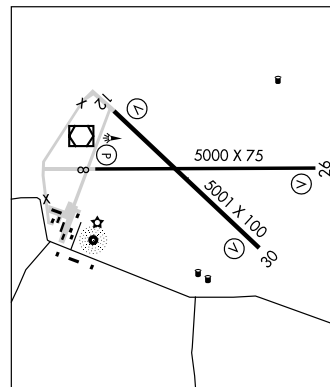
GLASGOW RCO 122.25 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 126.85

RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.

GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48°12.92' W106°37.53' at fld. 2280/14E.

MILK RIVER NDB (HW) 339 MKR N48°12.47' W106°37.57' at fld.



GLENDALE N47°08.00' W104°48.28' NOTAM FILE GDV.

BILLINGS

NDB (HW) 410 GDV at Dawson Community.

L-13E

RCO 122.55 (GREAT FALLS RADIO)

GLENDEIVE

DAWSON COMMUNITY (GDV) 4 NW UTC-7(-6DT) N47°08.32' W104°48.43'
 2456 B S4 **FUEL** 100LL, JET A Class III, ARFF Index A NOTAM FILE GDV
 RWY 12-30: H5704X100 (ASPH-PFC) S-38, D-50 MIRL

BILLINGS
 H-1E, 2G, L-13E
 IAP

RWY 12: REIL. VASI(V4L)—GA 3.0° TCH 37'. Road.

RWY 30: REIL. VASI(V4L)—GA 3.0° TCH 37'.

RWY 02-20: H3000X60 (ASPH) MIRL

RWY 02: PAPI(P2L)—GA 3.0° TCH 26'.

RWY 20: PAPI(P2L)—GA 3.0° TCH 24'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3000 TODA-3000 ASDA-3000 LDA-3000

RWY 12: TORA-5704 TODA-5704 ASDA-5704 LDA-5704

RWY 20: TORA-3000 TODA-3000 ASDA-3000 LDA-3000

RWY 30: TORA-5704 TODA-5704 ASDA-5704 LDA-5704

AIRPORT REMARKS: Attended 1430-0130Z†. MIRL Rwy 02-20 and Rwy 12-30, VASI Rwy 12 and Rwy 30, PAPI Rwy 02 and Rwy 20 opr dusk-0500Z†; after 0500Z† ACTIVATE—CTAF. Rwy 12 and Rwy 30 REIL OTS indef.

WEATHER DATA SOURCES: AWOS-3 135.075 (406) 687-3346.

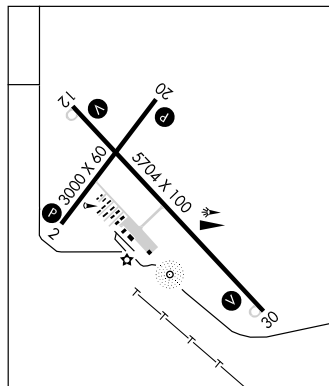
COMMUNICATIONS: CTAF/UNICOM 122.8

GLENDEIVE RCO 122.55 (GREAT FALLS RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93' W105°57.21' 031° 65.6 NM to fld. 2640/15E.

GLENDEIVE NDB (HW) 410 GDV N47°08.00' W104°48.28' at fld. NOTAM FILE GDV.



GREAT FALLS INTL (GTF) 3 SW UTC-7(-6DT) N47°28.96' W111°22.24'
 3680 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA-4480(800) AOE
 Class I, ARFF Index C NOTAM FILE GTF

GREAT FALLS
 H-1D, L-13C
 IAP, AD

RWY 03-21: H10502X150 (ASPH-GRVD) S-150, D-173, ST-175, DT-331, DDT-555 HIRL CL

RWY 03: TDZL. ALSF2. PAPI(P4L)—GA 3.0° TCH 70'. Road.

RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 75'.
 0.3% up.

RWY 16-34: H5722X150 (ASPH) S-95, D-120, ST-152, DT-190
 HIRL 0.5% up S

RWY 16: Thld dsplcd 652'.

RWY 34: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 07-25: H4294X75 (ASPH-PFC) S-25 MIRL 0.4% up E

RWY 25: PAPI(P4L)—GA 3.3° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-5722 TODA-5722 ASDA-5070 LDA-5070

RWY 34: TORA-5070 TODA-5070 ASDA-5070 LDA-5070

ARRESTING GEAR/SYSTEM

RWY 03 BAK-14 BAK-12B(B) (1400')

BAK-14 BAK-12B(B) (1500') RWY 21

AIRPORT REMARKS: Attended continuously. Birds on and invov arpt. Rwy 07-25 not avbl for air carrier tkf and ldg of acft with more than 30 passenger seats. Rwy 03 RVR touchdown, midfield, rollout avbl. Rwy 07-25 between Rws 03-21 and 16-34 unrestricted weight and avbl for air carrier taxiing acft. REIL Rwy 21 opr continuously when the rwy lgts are on. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (406) 452-9844.

COMMUNICATIONS: ATIS 126.6 UNICOM 122.95

RCO 122.6 (GREAT FALLS RADIO)

® **APP/DEP CON** 128.6

TOWER 118.7 **GND CON** 121.7 **CLNC DEL** 121.7

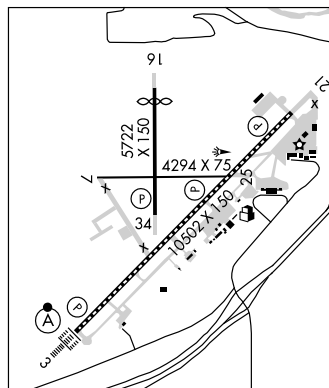
AIRSPACE: TRSA svc ctc **APP CON** on 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.

(H) **VORTACW** 115.1 GTF Chan 98 N47°27.00' W111°24.73' 025° 2.6 NM to fld. 3672/16E.

TRULY NDB (HW) 371 ITU N47°21.95' W111°22.37' 345° 7.0 NM to fld.

ILS/DME 111.3 I-SMR Chan 50 Rwy 03. Class IIIE.



HAMILTON

RAVALLI CO (6S5) 1 E UTC-7(-6DT) N46°15.09' W114°07.53'
 3642 B S4 FUEL 100LL, JET A TPA-4442 (800) NOTAM FILE GTF
RWY 16-34: H4200X75 (ASPH-PFC) S-17, D-25 MIRL 0.9% up S

RWY 16: PAPI(P2L)—GA 3.0° TCH 35'. Trees.

RWY 34: PAPI(P2L)—GA 3.3° TCH 25'. Trees.

AIRPORT REMARKS: Attended 1500-0000Z†. Ultralight activity on and in/ov arpt. Sailplane on and in/ov arpt during dalgt hours. Loose asph material on parallel twy for Rwy 16-34. Twy markings faded/missing. ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34—CTAF. For MIRL Rwy 16-34 during dalgt hours ctc arpt manager 406-375-5473.

WEATHER DATA SOURCES: AWOS-A 119.825 (406) 375-9149, press *3. Plus visibility.

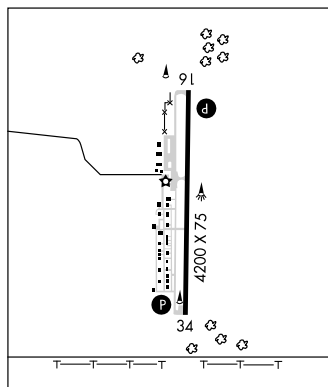
COMMUNICATIONS: CTAF/UNICOM 122.8

SPOKANE APP/DEP CON 124.9

SALT LAKE CENTER APP/DEP CON 133.4 North, 132.4 South

RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.

MISSOULA (L) VORW/DME 112.8 MSO Chan 75 N46°54.48'
 W114°05.02' 166° 39.4 NM to fld. 3202/17E.



GREAT FALLS
 L-13C
 IAP

ROTORCRAFT HELIPORT (M62) 2 S UTC-7(-6DT) N46°12.40' W114°09.18'

3630 S4 NOTAM FILE GTF

HELIPAD H1: H55X50 (CONC)

HELIPORT REMARKS: Attended Mon-Fri 1500-0000Z†.

COMMUNICATIONS: CTAF/UNICOM 122.8

GREAT FALLS

HARDIN

FAIRGROUNDS AIRPARK (F02) 1 SE UTC-7(-6DT) N45°43.50' W107°36.04'

2911 B S2 NOTAM FILE GTF

RWY 04-22: H3542X60 (ASPH) S-15, D-23 LIRL (NSTD)

RWY 04: Thld dspcd 224'. Tree.

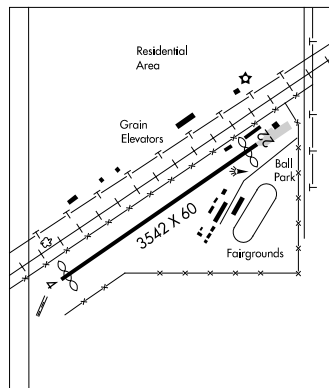
RWY 22: Thld dspcd 168'. Antenna.

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z†. Unattended during winter months. Rotating beacon OTS indef. Dspcd thld marked but not lgtd, thld dspcd for day ops only. Rwy 04-22 large cracks with weeds growing through surface and encroaching borders. Rwy 04-22 NSTD LIRL thld lgts 6' forward of marked thld and spaced 4' apart starting 5' from rwy edge. Rwy 04 thld lgts 25' forward of end of rwy.

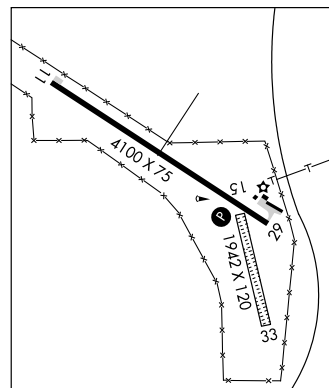
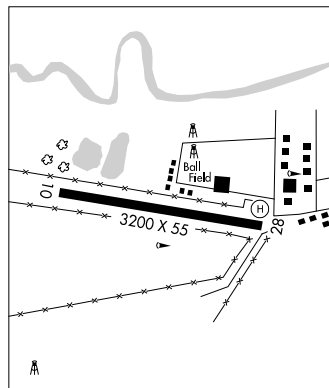
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.

BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51'
 W108°37.48' 082° 43.3 NM to fld. 3808/14E.



BILLINGS
 L-13D



RCO 122.4 (GREAT FALLS RADIO)

HARLOWTON**WHEATLAND CO AT HARLOWTON**

(HWQ) 2 NW UTC-7(-6DT)

GREAT FALLS
L-13D

N46°26.92' W109°51.17'

4311 B NOTAM FILE 3HT

RWY 08-26: H4200X60 (ASPH) S-12 MIRL

RWY 08: Brush. RWY 26: PAPI(P2L)—GA 3.0° TCH 34'. Poles.

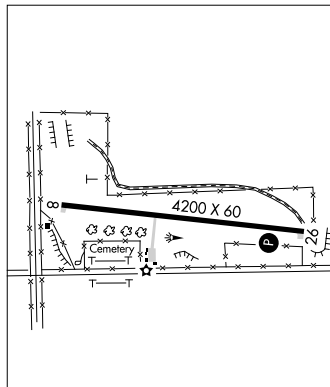
AIRPORT REMARKS: Unattended. Deer on and in vicinity of rwy, especially during nighttime hours. ACTIVATE MIRL Rwy 08-26 and PAPI Rwy 26—CTAF.

COMMUNICATIONS: CTAF 122.9

HARLOWTON RCO 122.4 (GREAT FALLS RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.

LEWISTOWN (H) VORW/DME 112.0 LWT Chan 57 N47°03.18' W109°36.37' 181° 37.7 NM to fld. 4133/15E.

**HAUSER** N46°34.13' W111°45.48'. NOTAM FILE HLN.GREAT FALLS
L-13C

NDB (MHW) 386 HAU 268° 9.6 NM to Helena Rgnl. Unmonitored when Helena tower closed.

HAVRE CITY-CO

(HVR) 3 W UTC-7(-6DT) N48°32.58' W109°45.74'

GREAT FALLS
H-1D, L-13D
IAP

2591 B S4 FUEL 100LL, JET A Class III, ARFF Index A NOTAM FILE HVR

RWY 08-26: H5205X100 (ASPH) S-50, D-50, DT-75 MIRL

RWY 08: REIL. VASI(V4L)—GA 3.0° TCH 40'.

RWY 26: REIL. VASI(V4L)—GA 3.0° TCH 38'. Road.

RWY 03-21: H3699X60 (ASPH) S-12.5 MIRL

RWY 21: PAPI(P2R)—GA 3.0° TCH 22'. Hiil.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-3699 TODA-3699 ASDA-3699 LDA-3699

RWY 08: TORA-5205 TODA-5205 ASDA-5205 LDA-5205

RWY 21: TORA-3699 TODA-3699 ASDA-3699 LDA-3699

RWY 26: TORA-5205 TODA-5205 ASDA-5205 LDA-5205

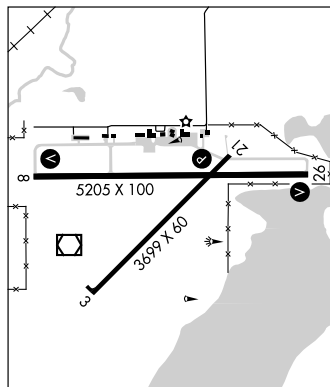
AIRPORT REMARKS: Attended 1300-0230Z±. Afld sfc condition unmonitored between 0230Z± and 1300Z±. Deer on and in ovf arpt. Potential large flocks of waterfowl near apch end of Rwy 26. ACTIVATE MIRL Rwy 03-21, REIL Rwy 08 and Rwy 26, VASI Rwy 08 and Rwy 26 and PAPI Rwy 21—CTAF.

WEATHER DATA SOURCES: ASOS 135.225 (406) 265-6638.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 123.65 (GREAT FALLS RADIO)

AIRSPACE: CLASS E svc 1300-2100Z± other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE HVR.

(L) VORW/DME 111.8 HVR Chan 55 N48°32.43' W109°46.20' at fld. 2583/16E.

**HEBBELMAN** (See CHINOOK)

HELENA

HELENA RGNL (HLN)(KHLN) CIV/MIL/ARNG 2 NE UTC-7(-6DT) N46°36.41' W111°58.97' 3877 B S4 FUEL 80, 100, 100LL, JET A OX 1,3 LRA Class I, ARFF Index B
NOTAM FILE HLN

GREAT FALLS
H-10, L-13C
IAP, DIAP, AD

Rwy 09-27: H9000X150 (ASPH-PFC) S-100, D-160, ST-175, DT-250 HIRL

Rwy 09: REIL. VASI(V4L)—GA 3.0° TCH 45'. Ground. 0.3% down

Rwy 27: MALSR. VASI(V4L)—GA 3.0° TCH 55'. Rgt ttc.

Rwy 05-23: H4644X75 (ASPH-PFC) S-21, D-30 MIRL 1.2% up SW

Rwy 05: Road.

Rwy 23: PAPI(P2L)—GA 3.0° TCH 40'. Fence. Rgt ttc.

Rwy 16-34: H2989X75 (ASPH) S-21, D-30 MIRL 1.7% up SE

Rwy 34: Ground. Rgt ttc.

MILITARY SERVICE: FUEL A, J8 (NC-80, 100, 100LL) 1200-1900Z†,

other times 1 hr PN required, C406-442-2910. Service fee \$50.

AIRPORT REMARKS: Attended 1200-0800Z†. ARFF coverage provided for scheduled Part 121 air carriers only exc with prior approval—call 406-442-2821. Rwy 16-34 and Rwy 05-23 (except between Twy F and Rwy 09-27) not available for air carrier use by acft with greater than 30 passenger seats. Twys A, B, and C between Twy A and Rwy 34 not available for air carrier use by acft with greater than 30 passenger seats. When tower closed ACTIVATE HIRL Rwy 09-27, MIRL Rwy 05-23 and Rwy 16-34, REIL Rwy 09. MALSR Rwy 27—CTAF. Ldg fee for all commercial acft and all acft over 10,000 pounds. Flight Notification Service (ADCUS) avbl. NOTE: See SPECIAL NOTICE.

MILITARY REMARKS: ARNG Opr Mon-Fri 1400-0030Z†, except holidays. Exercise caution while taxiing, AASF ramp not stressed for large acft. Ctc flight ops for ramp advisory 126.2, DSN 324-3055/56, C406-324-3055/56. No trans svc Sat, Sun, holidays or after 2300Z† Mon-Fri.

WEATHER DATA SOURCES: ASOS (406) 443-4317.

COMMUNICATIONS: CTAF 118.3 ATIS 120.4 UNICOM 122.95

RCO 122.55 255.4 (GREAT FALLS RADIO)

APP/DEP CON 119.5 229.4 (Mon-Fri 1300-0700Z†, Sat-Sun 1300-0500Z†)

SALT LAKE CENTER APP/DEP CON 133.4 285.4 (Mon-Fri 0700-1300Z†, Sat-Sun 0500-1300Z†)

TOWER 118.3 257.8 (Mon-Fri 1300-0700Z†, Sat-Sun 1300-0500Z†) GND CON 121.9

ARNG OPS 40.65 126.2 321.45

AIRSPACE: CLASS D svc Mon-Fri 1300-0700Z†, Sat-Sun 1300-0500Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE HLN.

(H) VORTACW 117.7 HLN Chan 124 N46°36.41' W111°57.21' 254° 1.2 NM to fld. 3823/16E.

VOR unusable:

035°-050° byd 35 NM blo 12,000'

203°-213° byd 22 NM blo 13,000'

105°-165° byd 25 NM blo 17,000'

185°-230° byd 25 NM blo 17,500'

165°-185° byd 25 NM blo 13,500'

230°-270° byd 25 NM blo 12,500'

DME unusable:

035°-070° byd 35 NM blo 13,000'

185°-210° byd 25 NM

105°-210° byd 15 NM blo 11,100'

203°-213° byd 22 NM blo 13,000'

105°-210° byd 20 NM blo 12,000'

210°-250° byd 15 NM blo 12,000'

105°-150° byd 25 NM

210°-250° byd 25 NM blo 17,500'

150°-165° byd 25 NM blo 17,000'

250°-300° byd 25 NM blo 14,000'

165°-185° byd 25 NM blo 13,500'

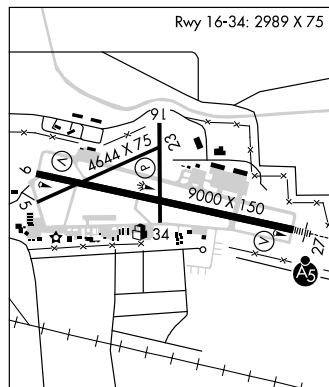
320°-035° byd 25 NM blo 13,000'

CAPITOL NDB (HW) 335 CVP N46°36.40' W111°56.23' 254° 1.9 NM to fld.

NDB unmonitored when tower closed.

HAUSER NDB (MHW) 386 HAU N46°34.13' W111°45.48' 268° 9.6 NM to fld. Unmonitored when tower closed.

ILS 110.1 I-HLN Rwy 27. ILS unmonitored when tower closed. LOC BC unusable byd 22° right of course, unusable within 2.7 DME.



MOUNTAIN LAKES FLD (5M7) 11 NE UTC-7(-6DT) N46°37.85' W111°48.40' **GREAT FALLS**
 4250 NOTAM FILE GTF
RWY 17-35: 2250X60 (TURF)
RWY 07-25: 1570X60 (TURF)
RWY 07: P-line.
AIRPORT REMARKS: Attended irregularly. Phone arpt manager for rwy conditions prior to landing. Irrigation pipes and livestock invof rwys. Rapidly rising mountainous terrain AER 25. Rwy 07-25 and Rwy 17-35 soft when wet. Rwy 07-25 has short apch each end rwy due to length and p-line obstruction.
COMMUNICATIONS: CTAF/UNICOM 122.8

HINSDALE (6U5) 0 SE UTC-7(-6DT) N48°23.25' W107°04.12' **BILLINGS**
 2220 NOTAM FILE GTF
RWY 07-25: 2200X75 (TURF) LIRL (NSTD)
RWY 07: Road.
RWY 10-28: 2160X200 (TURF)
RWY 10: Road.
RWY 16-34: 1960X75 (TURF)
RWY 16: P-line. **RWY 34:** Fence.
AIRPORT REMARKS: Unattended. Rwys soft when wet. Hay bales and farm equipment adjacent to rwy. Rwys not clearly defined. Rwy 16-34, Rwy 07-25 and Rwy 10-28 marked with white cones full length of rwy. P-lines marked with globes. Rwy 07-25 NSTD LIRL 335' spacing between lgts, one thld lgt each end. For rwy lgts phone 406-364-2272/2387.
COMMUNICATIONS: CTAF 122.9

HOGELAND (6U6) 1 NW UTC-7(-6DT) N48°51.53' W108°39.56' **BILLINGS**
 3138 B NOTAM FILE GTF
RWY 07-25: 3140X60 (TRTD) LIRL
RWY 25: Road.
RWY 16-34: 1230X50 (TURF)
RWY 16: Road. **RWY 34:** Building.
AIRPORT REMARKS: Unattended. Rwy 16-34 for emergency use only, road and drainage ditch parallel rwy on east side.
COMMUNICATIONS: CTAF 122.9

HORTON N46°24.73' W105°56.30'. NOTAM FILE MLS. **BILLINGS**
NDB (HW) 320 HTN 051° 2.4 NM to Frank Wiley Fld. **L-13E**

HOT SPRINGS (SØ9) 2 E UTC-7(-6DT) N47°36.75' W114°36.81' **GREAT FALLS**
 2763 B NOTAM FILE GTF
RWY 06-24: 3550X45 (ASPH-TRTD) MIRL
RWY 06: P-line. **RWY 24:** Thld dsplcd 411. Road.
AIRPORT REMARKS: Unattended. Ultralights on and in vicinity of arpt. Occasional snow removal. Rwy 06-24 asphalt gravel composition full length. Rwy 24 has 411' unlighted, 2169' lgtd at ngt. Rwy 06-24 cones adjacent to MIRL full length and dsplcd thld marked with white cones. Rwy numbers 4'x8' in measure, thld line and rwy lines NSTD.
COMMUNICATIONS: CTAF 122.9

HYSHAM (6U7) 2 E UTC-7(-6DT) N46°17.37' W107°11.75' **BILLINGS**
 2624 B NOTAM FILE GTF
RWY 07-25: 3060X45 (ASPH-TRTD) LIRL
AIRPORT REMARKS: Unattended. Numerous rwy lights inop. 1060' dirt extension east of Rwy 7 thld. ACTIVATE LIRL Rwy 07-25—CTAF.
COMMUNICATIONS: CTAF 122.9

JORDAN (JDN) 2 NW UTC-7(-6DT) N47°19.73' W106°57.16'

BILLINGS

2662 B NOTAM FILE JDN

L-13D

RWY 10-28: H4300X75 (ASPH-PFC) S-12.5 MIRL

RWY 10: Fence.

RWY 28: PAPI(P2L)—GA 3.0° TCH 29'. Road.

AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 10-28 and PAPI Rwy 28—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.

GLASGOW (H) VOR/DME 113.9 GGW Chan 86 N48°12.92' W106°37.53' 180° 54.9 NM to fld. 2280/14E.

NDB (MHW) 263 JDN N47°20.00' W106°56.29' at fld (VFR use only). NOTAM FILE GTF.

JUDITH MOUNTAIN N47°13.03' W109°13.31'

GREAT FALLS

RCO 122.2 (GREAT FALLS RADIO)

L-13D

KALISPELL N48°12.85' W114°10.55' NOTAM FILE FCA

GREAT FALLS

(H) **VOR/DME** 113.2 FCA Chan 79 229° 5.6 NM to Kalispell City. 2980/18E.

H-1C, L-13C

VOR/DME unusable:

350°-010° byd 10 NM blo 23,000'

160°-280° byd 30 NM blo 13,000'

010°-070° byd 10 NM

VOR portion unusable:

070°-088° byd 20 NM blo 16,000'

088°-113° byd 35 NM blo 16,000'

088°-113° byd 22 NM blo 13,000'

DME unusable:

070°-113° byd 20 NM blo 16,000'

070°-113° byd 37 NM

KALISPELL

GLACIER PARK INTL (GPI) 6 NE UTC-7(-6DT) N48°18.63' W114°15.36'

GREAT FALLS

2977 B S4 **FUEL** 100LL, JET A LRA Class I, ARFF Index B NOTAM FILE FCA

H-1C, L-13C

RWY 02-20: H9007X150 (ASPH-PFC) S-80, D-170, ST-175, DT-250 HIRL

IAP, AD

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 47'.

RWY 12-30: H3504X75 (ASPH-PFC) S-12 MIRL

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 3.0° TCH 26'. Tree.

AIRPORT REMARKS: Attended continuously. CLOSED to unscheduled air carrier ops with more than 30 passenger seat except PPR call arpt manager 406-257-5994. Rwy 02-20 south 1000' GRVD, balance PFC. ACTIVATE HIRL Rwy 02-20, MIRL Rwy 12-30, MALSR Rwy 02, REIL Rwy 20 and PAPI Rwy 02 and Rwy 20—CTAF.

WEATHER DATA SOURCES: ASOS 132.625 (406) 756-8879.

COMMUNICATIONS: CTAF 124.55 ATIS 132.625 UNICOM 122.95

LAKESIDE RCO 122.5 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 133.4

TOWER 124.55 (1500-0700Z) **GND CON** 121.6

AIRSPACE: CLASS D svc 1500-0700Z other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.

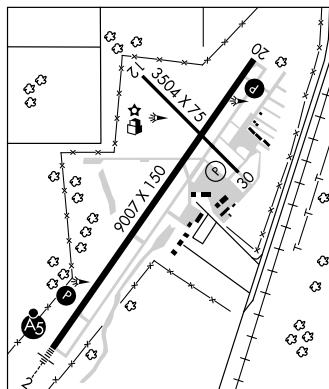
KALISPELL (H) VOR/DME 113.2 FCA Chan 79 N48°12.85'

W114°10.55' 313° 6.6 NM to fld. 2980/18E.

SMITH LAKE NDB (MHW) 515 SAK N48°06.50' W114°27.68'

019° 14.7 NM to fld.

ILS 111.5 I-GPI Rwy 02.



KALISPELL CITY (S27) 1 S UTC-7(-6DT) N48°10.71' W114°18.22'

GREAT FALLS

2932 B S4 **FUEL** 100LL, JET A NOTAM FILE GTF

L-13C

RWY 13-31: H3600X60 (ASPH) S-4 LIRL (NSTD)

RWY 13: Tree.

RWY 31: Thld dspcd 155'. Towers.

AIRPORT REMARKS: Attended daltg hours. Parachute Jumping. Ultralights on and in vicinity of arpt. Glider activity on and in vicinity of arpt. Twr 400' AGL 3 miles E unlighted. Rwy 31 lgt thld relocated 155' for night ops, 3445' of Rwy 13-31 usable at ngt. Rwy 13-31 NSTD LIRL. Rwy 13 thld lgtg located at end of rwy. ACTIVATE LIRL Rwy 13-31—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

LAKESIDE RCO 122.5 (GREAT FALLS RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.

(H) **VOR/DME** 113.2 FCA Chan 79 N48°12.85' W114°10.55' 229° 5.6 NM to fld. 2980/18E.

KONNA N47°05.66' W114°23.81'. NOTAM FILE MSO.

NDB (HW) 521 INE 113° 16.5 NM to Missoula Intl.

GREAT FALLS

L-13B

LAKESIDE N48°00.68' W114°21.87'

RCO 122.5 (GREAT FALLS RADIO)

GREAT FALLS

L-13B

LAUREL MUNI (6S8) 2 N UTC-7(-6DT) N45°42.19' W108°45.67'

BILLINGS

H-1E, L-13D

IAP

3517 B S4 FUEL 100, MOGAS NOTAM FILE GTF

RWY 04-22: H5200X75 (ASPH) S-12.5 MIRL 0.6% up SW

RWY 04: PAPI(P2L)—GA 3.0° TCH 31'.

RWY 22: PAPI(P2L)—GA 3.0° TCH 41'.

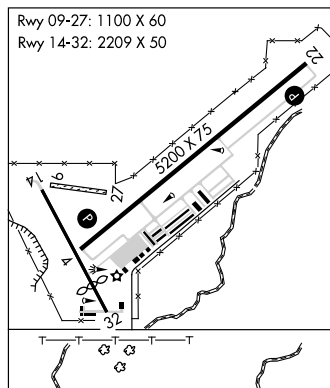
RWY 14-32: H2209X50 (ASPH) S-8 2.5% up NW

RWY 14: Hiil. RWY 32: Thld displd 514'. Trees.

RWY 09-27: 1100X60 (TURF) 2.3% up W

RWY 09: Fence. RWY 27: Fence.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z±, Sat-Sun intermittently. Parachute Jumping. Ultralights on and in vicinity of arpt. Numerous deer and antelope on and in vicinity of rwy. PAEW intermittently in vicinity of all rws, twys and ramps. Intermittent snow removal be alert during winter months. Rwy 09 not maintained during winter. Rwy 09-27 surface rough. PAEW north of Rwy 04-22. Rwy 09-27 marker cones full rwy length. Rwy 32 displd thld marked not lgtd. ACTIVATE MIRL Rwy 04-22 and PAPI Rws 04 and 22—CTAF.

WEATHER DATA SOURCES: AWOS-3 123.05 (617) 262-3825. OTS indef.**COMMUNICATIONS:** CTAF/AUNICOM 123.05Ⓡ **BILLINGS APP/DEP CON** 119.2 120.5**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIL.**BILLINGS (H) VORTACW** 114.5 BIL Chan 92 N45°48.51' W108°37.48' 208° 8.5 NM to fld. 3808/14E.**LAVINA** (80S) 2 NW UTC-7(-6DT) N46°18.43' W108°57.34'

BILLINGS

3490 NOTAM FILE GTF

RWY 07-25: 3460X100 (TURF)

RWY 07: Fence. RWY 25: Fence.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 07-25 very muddy when wet; rough with gopher holes. Rwy 07-25 marked with cones full rwy length.

COMMUNICATIONS: CTAF 122.9**LEWISTOWN MUNI** (LWT) 2 SW UTC-7(-6DT) N47°02.96' W109°28.00'

GREAT FALLS

H-1D, L-13D

IAP

4170 B S4 FUEL 100, JET A Class III, ARFF Index A NOTAM FILE LWT

RWY 07-25: H6100X100 (ASPH) S-40, D-55, ST-82, DT-95 MIRL 0.3% up W

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 51'.

RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 50'.

RWY 02-20: H5600X100 (ASPH) S-12.5, D-80, ST-101, DT-120

MIRL 0.7% up SW

RWY 20: Building.

RWY 12-30: H4102X60 (ASPH) S-12.5 MIRL 0.8% up SE

RWY 12: Railroad.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z±. Rwy 02-20 day use only and not plowed during snow. Rwy 02-20 asph spalling. Rwy 02-20 MIRL OTS indef. ACTIVATE MIRL Rwy 02-20, Rwy 07-25, and Rwy 12-30 PAPI Rwy 07, VASI Rwy 25 and REIL Rwy 07 and Rwy 25—CTAF.

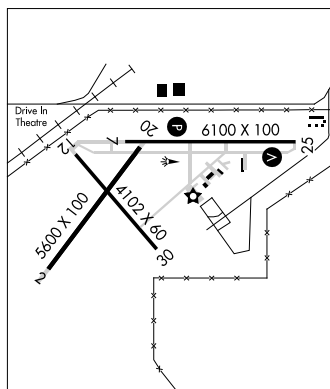
WEATHER DATA SOURCES: ASOS 118.375 (406) 538-2653.**COMMUNICATIONS:** CTAF/UNICOM 123.0

RCO 122.35 (GREAT FALLS RADIO)

AIRSPACE: CLASS E svc continuous.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LWT.(H) **VORW/DME** 112.0 LWT Chan 57 N47°03.18'

W109°36.37' 077° 5.7 NM to fld. 4133/15E. VOR/DME

unusable 125°-179° byd 30 NM abv 14,000', 215°-239° byd 30 NM abv 14,000'.



LIBBY (S59) 7 S UTC-7(-6DT) N48°17.03' W115°29.41'

2601 B S4 FUEL 100LL, JET A NOTAM FILE GTF

RWY 15-33: H5000X75 (ASPH-PFC) S-24 MIRL 0.4% up SE

RWY 15: PAPI(P2L)—GA 3.0° TCH 28'. Trees.

RWY 33: PAPI (P2L)—GA 3.75° TCH 36'. Trees.

AIRPORT REMARKS: Attended continuously. ACTIVATE MIRL Rwy 15-33 and PAPI Rwy 15-33—122.8 (or CTAF).

WEATHER DATA SOURCES: AWOS-A 118.575 (406) 293-4631. Plus visibility.

COMMUNICATIONS: CTAF/UNICOM 122.8

SEATTLE CENTER APP/DEP CON 123.95

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

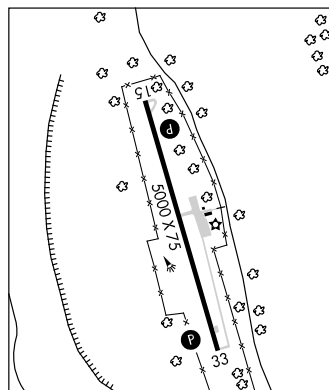
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47°27.42' W115°38.76' 347° 50.0 NM to fld. 6100/20E. HIWAS.

NDB (MHW) 414 LYI N48°18.27' W115°29.72' 154° 1.3 NM to fld. NOTAM FILE GTF. VFR only.

GREAT FALLS

H-1C, L-13B

IAP



LIBERTY CO (See CHESTER)

LINCOLN (S69) 2 E UTC-7(-6DT) N46°57.28' W112°39.01'

4603 B NOTAM FILE GTF

RWY 04-22: H4239X75 (ASPH-PFC) S-12.5 MIRL

RWY 04: PAPI(P2L)—GA 4.0° TCH 32'. Trees. RWY 22: Road.

AIRPORT REMARKS: Unattended. Heavy helicopter use during summer. Intermittent snow removal. ACTIVATE MIRL Rwy 04-22, PAPI Rwy 04-CTAF.

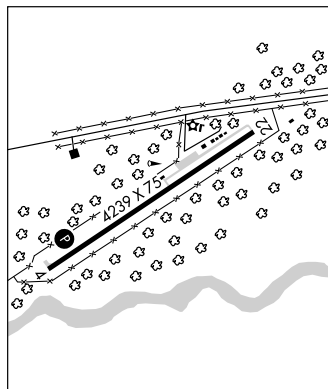
COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.

GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00' W111°24.73' 224° 58.7 NM to fld. 3672/16E.

GREAT FALLS

L-13C



LINDEY'S LANDING WEST SPB (See SEELEY LAKE)

LIVINGSTON N45°42.15' W110°26.55' NOTAM FILE LVM.

(H) VORW/DME 116.1 LVM Chan 108 at Mission Fld. 4650/15E.

RCO 122.2 (GREAT FALLS RADIO)

GREAT FALLS

H-1D, L-13C

LIVINGSTON**MISSION FLD** (LVM) 5 E UTC-7(-6DT) N45°41.96' W110°26.90'**GREAT FALLS**

H-1D, L-13C

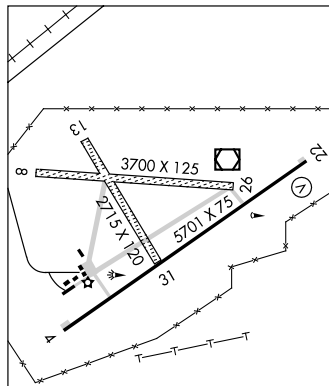
IAP

4660 B S2 **FUEL** 100, JET A NOTAM FILE LVM**RWY 04-22:** H5701X75 (ASPH) S-40, D-70, DT-110 MIRL**RWY 04:** Fence. **RWY 22:** REIL. VASI(V2L)—GA 4.0° TCH 44'.**RWY 08-26:** 3700X125 (TURF)**RWY 08:** Fence.**RWY 13-31:** 2715X120 (TURF)**AIRPORT REMARKS:** Attended 1500-0100Z†. Parachute Jumping.

Wildlife on and in/ov rwy. Ultralight activity on and in vicinity of arpt. Rwy 08 and Rwy 26 thlds and first 200' marked with white cones. Rwy 13 and Rwy 31 thlds and first 200' marked with white cones. Rwy 04-22 MIRL ops dusk-0600Z†, after 0600Z† ACTIVATE MIRL Rwy 04-22—123.0.

WEATHER DATA SOURCES: ASOS 135.275 (406) 222-2338.**COMMUNICATIONS:** CTAF/UNICOM 123.0**LIVINGSTON RCO** 122.2 (GREAT FALLS RADIO)**AIRSPACE:** CLASS E svc 1500-0100Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LVM.

LIVINGSTON (H) VORW/DME 116.1 LVM Chan 108 N45°42.15' W110°26.55' at fld. 4650/15E

**L M CLAYTON** (See WOLF POINT)**MALMSTROM AFB** (GFA)(KGFA) AF 3 E UTC-7(-6DT) N47°30.28' W111°11.24'**GREAT FALLS**

3472 NOTAM FILE GFA

Not insp.

H1: H100X100 (ASPH)**H2:** H100X100 (CONC)**MILITARY SERVICE:** LGT Perimeter, ldg and apch lgt avbl. Ldg direction and apch lgt oriented 026° **FUEL** J8**TRAN ALERT** No svc avbl without prior coordination with Helicopter Maintenance DSN 632-6356.**MILITARY REMARKS:** Ctc 40th Helicopter Flight for opr hr. See FLIP AP/1 Supplementary Arpt Information. **RSTD**

Rotary/Wing acft on Official Business Only, clsd to all Fixed/Wing acft. PPR from 40th Helicopter Flight DSN 632-3250. Heliport limited to two helipads and slide area btn "R" and "Q". Other areas of old afld littered with obstructions and acft not authorized for ldg or dep. Orange barriers mark boundaries of heliport. **CAUTION** 57' twr located .5 NM northeast.

COMMUNICATIONS: CTAF 139.225**GREAT FALLS APP/DEP CON** 124.15 128.6 259.1 VFR Advisory.

COMD POST 311.0 321.0 **PMSV METRO** 239.8 Opr Mon-Fri 1100-2330Z†, weekends and holidays, limited svc 1300-1600Z†. Other times ctc Davis-Monthan AFB, 25th OWS at DSN 228-7553/7644. ASOS not manually augmented and data is only available via PMSV during normal duty hours. **BLADE OPS** 271.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF**MALMSTROM (L) TACAN** GFA (115.8) Chan 105 N47°30.25' W111°10.92' at fld. 3501/17E. No NOTAM MP:

Wed 1430-1630Z† (3000/3+1). Unmonitored Mon-Thu 2330-1100Z†, Fri 2330-1300Z†, weekend and holidays 1500-1300Z†. **SHUTDOWN.**

TACAN unusable:

075°-100° byd 34 NM

270°-300° byd 25 NM blo 7500'

MALTA (M75) 1 NW UTC-7(-6DT) N48°22.02' W107°55.16'**BILLINGS**2254 B S4 **FUEL** 100LL, JET A NOTAM FILE GTF

L-13D

RWY 08-26: H4500X75 (ASPH) S-12.5 MIRL

IAP

RWY 08: PAPI(P2L)—GA 3.0° TCH 25'.**RWY 26:** PAPI(P2L)—GA 3.0° TCH 25'.

AIRPORT REMARKS: Attended continuously. MIRL Rwy 08-26 and PAPI Rwy 08 and Rwy 26 opr dusk-0700Z† after 0700Z† ACTIVATE—CTAF.

WEATHER DATA SOURCES: AWOS-3 122.8 (617) 262-3825. OTS indef.**COMMUNICATIONS:** CTAF/AUNICOM 122.8**SALT LAKE CENTER APP/DEP CON** 126.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE GGW.**GLASGOW (H) VORW/DME** 113.9 GGW Chan 86 N48°12.92' W106°37.53' 266° 52.6 NM to fld. 2280/14E.**NDB (MHW)** 272 MLK N48°22.13' W107°55.04' at fld. VFR only. NOTAM FILE GTF.

OPHEIM (S00) 0 W UTC-7(-6DT) N48°52.00' W106°25.04'

BILLINGS

3264 B NOTAM FILE GTF

RWY 16-34: 2675X150 (TURF) LIRL

RWY 16: Fence. **RWY 34:** Road.

RWY 04-22: 1555X100 (TURF)

RWY 22: Road.

RWY 10-28: 1200X100 (TURF)

RWY 28: Road.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 04-22, Rwy 10-28, Rwy 16-34 marked with red/white panels full length. Rotating bcn out of svc indefinitely.

COMMUNICATIONS: CTAF 122.9

PHILIPSBURG

RIDDICK FLD (U05) 1 SE UTC-7(-6DT) N46°19.16' W113°18.30'

GREAT FALLS

L-13C

5212 B NOTAM FILE GTF

RWY 16-34: H3600X60 (ASPH) S-7 MIRL

RWY 16: Road, Rgt tfc. **RWY 34:** Hiil.

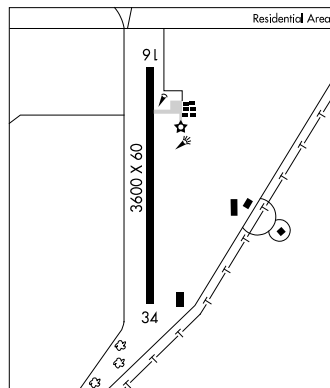
AIRPORT REMARKS: Unattended. Rwy 16-34 pavement is spalling, major crack propagation throughout. Multiple edge fractures. ACTIVATE MIRL Rwy 16-34—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.

SALMON (H) VOR/DME 113.5 LKT Chan 82 N45°01.28'

W114°05.06' 005° 84.5 NM to fld. 9258/18E.



PLAINS (S34) 1 NW UTC-7(-6DT) N47°28.41' W114°54.43'

GREAT FALLS

L-13B

2467 B NOTAM FILE GTF

RWY 13-31: H4650X75 (ASPH) S-12.5, D-18 MIRL

RWY 13: Road. **RWY 31:** PAPI(P2L)—GA 3.0° TCH 20'.

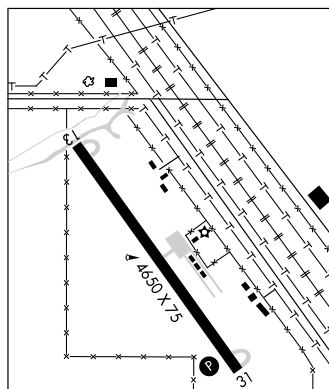
AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 13-31 and PAPI Rwy 31—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

MULLAN PASS (H) VOR/DME 117.8 MLP Chan 125 N47°27.42'

W115°38.76' 068° 30.1 NM to fld. 6100/20E.



PLENTYWOOD N48°47.40' W104°31.63'. NOTAM FILE GTF.

BILLINGS

NDB (MHW) 251 PWD at Sher-Wood. VFR only.

L-13E

PLENTYWOOD**SHER-WOOD**

(PWD) 1 NE UTC-7(-6DT) N48°47.32' W104°31.39'

2250 B FUEL 100LL NOTAM FILE GTF

RWY 12-30: H3900X75 (ASPH-PFC) S-12.5

MIRL 0.4% up NW

RWY 12: PAPI (P2L)—GA 3.0° TCH 44'. Road.

RWY 30: PAPI (P2L)—GA 3.0° TCH 44'.

RWY 08-26: 2950X60 (TURF)

RWY 16-34: 1600X83 (TURF)

AIRPORT REMARKS: Unattended. 24 hr self service credit card fuel facility. Ultralight on and in vicinity of arpt. PAPI Rwy 12 OTS indef.

ACTIVATE MIRL Rwy 12-30—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 126.85

RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.

WILLISTON (L) VORTACW 116.3 ISN Chan 110 N48°15.21'

W103°45.04' 304° 44.5 NM to fld. 2372/12E.

HIWAS.

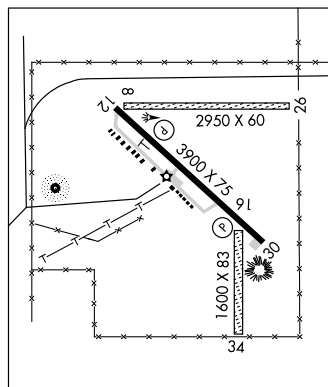
PLENTYWOOD NDB (MHW) 251 PWD N48°47.40' W104°31.63'

at fld. NOTAM FILE GTF. VFR only.

BILLINGS

L-13E

IAP

**POLSON**

(8S1) 1 W UTC-7(-6DT) N47°41.73' W114°11.12'

2941 B S4 FUEL 100LL, JET A NOTAM FILE GTF

RWY 18-36: H4195X75 (ASPH) S-17 MIRL

RWY 18: PAPI(P4L)—GA 3.0° TCH 28'. Highway.

RWY 36: PAPI(P2L)—GA 4.0° TCH 31'. Hill.

AIRPORT REMARKS: Attended 1500-0000Z+. 24 hr self service fuel avbl. Tower 600' AGL 3 miles S unlighted. When ldg on Rwy 36 be alert to seaplane ldgs on adjacent river. ACTIVATE MIRL Rwy 18-36, PAPI Rwy 18 and Rwy 36—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 133.4

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47°27.42'

W115°38.76' 056° 61.0 NM to fld. 6100/20E. HIWAS.

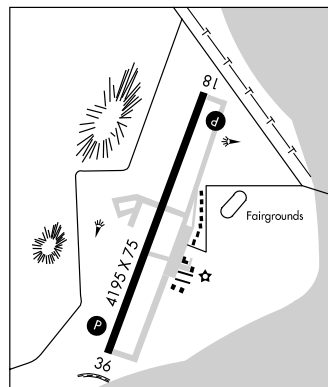
WATERWAY 03W-21W: 4000X500 (WATER)

SEAPLANE REMARKS: Seaplane landing area also used by boats.

GREAT FALLS

L-13C

IAP



POPLAR (42S) 0 NE UTC-7(-6DT) N48°06.96' W105°10.93'

2005 B S2 FUEL 100LL OX 1, 3 NOTAM FILE GTF

RWY 09-27: H3030X60 (ASPH-PFC) S-4 MIRL

RWY 27: VASI(V2L)-GA 3.0° TCH 21'. Pole.

AIRPORT REMARKS: Attended 1500-0100Z+. Rwy 09-27 is rough with debris. Rotating bcn OTS indef. ACTIVATE MIRL Rwy 09-27 and VASI Rwy 27-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 126.85

RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.

WILLISTON (L) VORTACW 116.3 ISN Chan 110 N48°15.21'

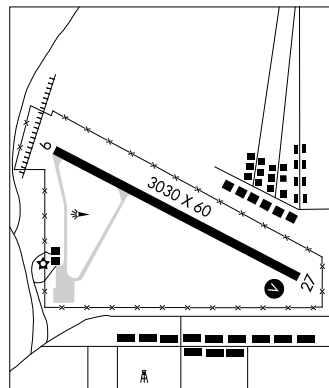
W103°45.04' 250° 58.1 NM to fld. 2372/12E.

HIWAS.

BILLINGS

L-13E

IAP



PORT OF DEL BONITA

WHETSTONE INTL (H28) 0 W UTC-7(-6DT) N49°00.00' W112°47.55'

GREAT FALLS

4336 AOE NOTAM FILE GTF

RWY 07-25: 4440X65 (TURF)

RWY 07: P-line.

RWY 25: Fence.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 07-25 gopher holes on surface. Rwy 07 p-line marked with red balls. Rwy 07-25 cone markers every 200' both sides of rwy and red cones mark thlds.

COMMUNICATIONS: CTAF/UNICOM 122.8

RAVALLI CO (See HAMILTON)

RED LODGE (RED) 1 NW UTC-7(-6DT) N45°11.25' W109°16.04'

GREAT FALLS

5763 B S2 FUEL 100LL, JET A NOTAM FILE GTF

L-13D

RWY 16-34: H4000X75 (ASPH) S-4, D-6 MIRL

RWY 16: VASI(V2L)-GA 3.0° TCH 27'. Road.

RWY 34: Road.

AIRPORT REMARKS: Unattended. For fuel call 406-328-7408. Wildlife on and invof rwy. ACTIVATE MIRL Rwy 16-34 and VASI Rwy 16-CTAF.

COMMUNICATIONS: CTAF 122.9

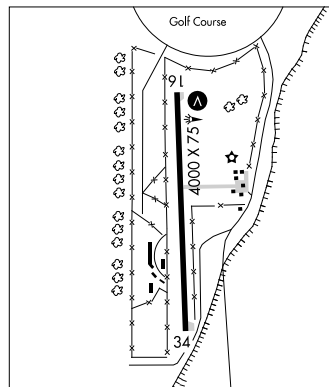
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.

BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51'

W108°37.48' 202° 46.1 NM to fld. 3808/14E.

NDB (HW) 203 RED N45°14.40' W109°15.86' 165° 3.2

NM to fld. NOTAM FILE GTF. VFR only.



RICHEY (7U8) 1 SW UTC-7(-6DT) N47°37.60' W105°04.58'
 2493 B NOTAM FILE GTF
RWY 14-32: 2690X75 (TURF-DIRT) LIRL
RWY 32: Hiil.
AIRPORT REMARKS: Unattended. Rwy 14-32 center 20' of rwy soft graded dirt, perimeter is turf. No snow removal.
 ACTIVATE LIRL Rwy 14-32—CTAF.
COMMUNICATIONS: CTAF 122.9

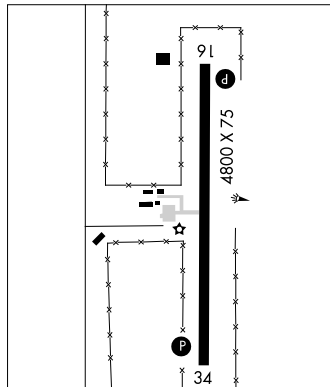
BILLINGS

RIDDICK FLD (See PHILIPSBURG)

ROCK CREEK (See CLINTON)

RONAN (7S0) 3 N UTC-7(-6DT) N47°34.03' W114°06.07'
 3086 B S2 **FUEL** 100LL, JET A NOTAM FILE GTF
RWY 16-34: H4800X75 (ASPH) MIRL
RWY 16: PAPI(P2L)—GA 3.0° TCH 21. Road.
RWY 34: PAPI(P2L)—GA 3.0° TCH 22'.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hours via self serve credit card svc. Large seagulls on and in vicinity of arpt. MIRL Rwy 16-34 and PAPI Rwy 34 opr 2300-0400Z†; after 0400Z† ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and 34—CTAF.
WEATHER DATA SOURCES: AWOS-3 122.8 (617) 262-3825. OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 133.4
RADIO AIDS TO NAVIGATION: NOTAM FILE FCA
KALISPELL (H) VORW/DME 113.2 FCA Chan 79 N48°12.85' W114°10.55' 158° 39 NM to fld. 2980/18E.

GREAT FALLS
 L-13C
 IAP

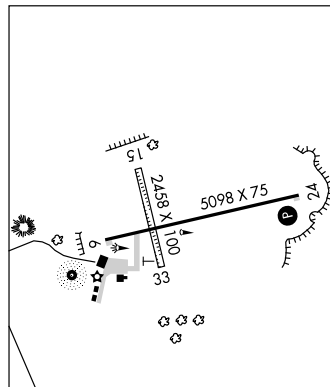


ROSS INTL (See SWEETGRASS)

ROTORCRAFT HELIPORT (See Hamilton)

ROUNDUP (RPX) 2 N UTC-7(-6DT) N46°28.50' W108°33.60'
 3491 B **FUEL** 100LL, JET A NOTAM FILE GTF
RWY 06-24: H5098X75 (ASPH) S-12.5 MIRL
RWY 06: Tree. **RWY 24:** PAPI(P2L)—GA 3.0° TCH 45'.
RWY 15-33: 2458X100 (TURF-DIRT)
RWY 15: Tree. **RWY 33:** Trees.
AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z†. Service avbl Sun phone 406-323-1011. Credit card self service fuel avbl 24 hours. Parachute Jumping. Wildlife on and invof arpt. Ultralights on and invof arpt. Radio controlled airplane ops on arpt. Rgt tfc Rwy 24 from 0500Z† to 1400Z†. Major airframe and major power plant repairs winter only. Rwy 15-33 marked with white cones full length, red cones mark thld. ACTIVATE PAPI Rwy 24—CTAF.
COMMUNICATIONS: CTAF/AUNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51' W108°37.48' 351° 40.1 NM to fld. 3808/14E.
NDB (MHW) 362 RPX N46°28.83' W108°34.04' at fld.
 NOTAM FILE GTF. VFR only.

BILLINGS
 H-1E, L-13D



RYEGATE (8U0) 1S UTC-7(-6DT) N46°17.43' W109°14.86' **GREAT FALLS**
 3689 B NOTAM FILE GTF
RWY 07-25: 3440X100 (TURF)
RWY 07: P-line. **RWY 25:** Hiil.
AIRPORT REMARKS: Unattended. Rwy 07-25 surface condition rough. No snow removal. Rwy 07-25 marked by white cones full length.
COMMUNICATIONS: CTAF 122.9

SAIGE N45°51.13' W108°41.67'. NOTAM FILE BIL. **BILLINGS**
NDB (LOM) 251 BI 099° 6.9 NM to Billings Logan Intl.

ST IGNATIUS (52S) 1 NE UTC-7(-6DT) N47°19.50' W114°04.84' **GREAT FALLS**
 3006 B S2 **FUEL** 100LL NOTAM FILE GTF
RWY 08-26: H2610X60 (ASPH) LIRL
RWY 08: Road. **RWY 26:** Building.
AIRPORT REMARKS: Attended continuously. Migratory flocks of birds invof rwy. Snow removal. Rwy 08 90' relocated thld for ngt ops only. Rwy 26 243' relocated thld for ngt ops only. 2277' avbl for ngt ops. Rwy 08 90' unlighted, Rwy 26 243' unlighted, 2277' lgtd at ngt. Telephone on fld 406-745-4008. ACTIVATE LIRL Rwy 08-26-122.9
COMMUNICATIONS: CTAF 122.9

ST LABRE MISSION (See ASHLAND)

SAND SPRINGS STRIP (8U1) 1 NW UTC-7(-6DT) N47°06.25' W107°30.21' **BILLINGS**
 3180 TPA-3900(720) NOTAM FILE GTF
RWY 10-28: 2400X60 (TURF)
RWY 10: Road.
AIRPORT REMARKS: Attended dalgt hours. Animals on and invof rwy. Rwy 10-28 may be soft when wet. No landing on twy connected to Rwy 28.
COMMUNICATIONS: CTAF/UNICOM 122.8

SCHAFER (USFS) (8U2) 1S SE UTC-7(-6DT) N48°05.25' W113°15.05' **GREAT FALLS**
 4855 NOTAM FILE GTF
RWY 07-25: 3200X60 (TURF)
RWY 07: Trees. **RWY 25:** Trees.
AIRPORT REMARKS: Unattended. Summer phone 406-752-7345. Watch for horses or big game animals on rwy. First 400' Rwy 25 very rough. Rwy 07-25 E 1800' marked with cones, W 1400' unmarked. Tkf and land Rwy 25 conditions permitting.
COMMUNICATIONS: CTAF 122.9

SCOBEY**SCOBEY** (9S2) 1 NW UTC-7(-6DT) N48°48.46' W105°26.37'

BILLINGS

2432 B S4 FUEL 100LL, JET A NOTAM FILE GTF

L-13E

RWY 12-30: H4015X75 (ASPH) S-11 MIRL 1.2% up SE

IAP

RWY 12: PAPI(P2L)—GA 3.0° TCH 25'.

RWY 30: PAPI(P2L)—GA 3.0° TCH 25'.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z, Sat

1500-1900Z. For fuel after hours call 406-487-5544. Deer on and in vicinity of arpt. MIRL Rwy 12-30; PAPI Rwy 12 and Rwy 30 opr dusk-0600Z; after 0600Z ACTIVATE—CTAF.

COMMUNICATIONS: CTAF/AUNICOM 122.8

SALT LAKE CENTER APP/DEP CON 126.85

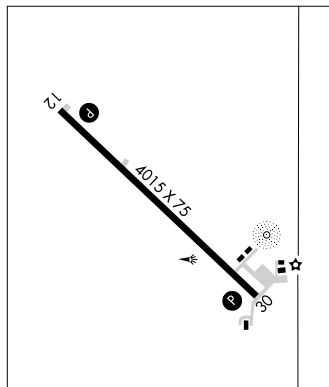
RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.

GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48°12.92'

W106°37.53' 039° 59.2 NM to fld. 2280/14E.

NDB (MHW) 283 SCO N48°48.52' W105°26.17' at fld.

NOTAM FILE GTF. VFR only.

**SCOBEY BORDER STATION (EAST POPLAR INTL)** (8U3) 13 N UTC-7(-6DT)

BILLINGS

N49°00.00' W105°24.03'

2501 LRA NOTAM FILE GTF

RWY 07-25: 3330X75 (TURF)

RWY 07: Pole.

AIRPORT REMARKS: Unattended. May have live stock on and in vicinity of arpt. No snow removal. Rwy 07-25 soft when wet. Rwy 07-25 marked with cones full length. Rwy 07-25 surface rolling with gopher holes.**COMMUNICATIONS:** CTAF 122.9**SEELEY LAKE****LINDEY's LANDING WEST SPB** (M35) 1 NW UTC-8(-7DT) N47°10.46' W113°28.80'

GREAT FALLS

3993 FUEL MOGAS NOTAM FILE GTF

WATERWAY 12-30: 14000X1000 (WATER)

SEAPLANE REMARKS: Attended continuously.**COMMUNICATIONS:** CTAF 122.9**SEELEY LAKE** (23S) 2 E UTC-7(-6DT) N47°10.75' W113°26.72'

GREAT FALLS

4235 B NOTAM FILE GTF

RWY 16-34: 4575X75 (TURF)

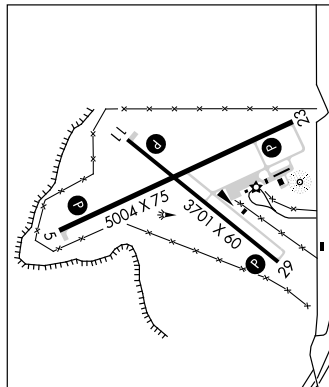
RWY 16: Trees.

RWY 34: Trees.

AIRPORT REMARKS: Unattended. Birds and wildlife on and in vicinity of arpt. Ultralights on and in vicinity of arpt. Tkfs to north not recommended due to rising terrain. Rwy 16-34 very soft and muddy when wet. Rwy 16-34 cones with reflectors along full length of rwy except during winter months. Snow removal intermittent, call arpt manager for current conditions 406-444-2506. ACTIVATE rotating bcu—CTAF.**COMMUNICATIONS:** CTAF 122.9

SHELBY (SBX) 2 N UTC-7(-6DT) N48°32.44' W111°52.27'
 3443 B S4 FUEL 100, JET A NOTAM FILE GTF
RWY 05-23: H5004X75 (ASPH-PFC) S-12.5 MIRL 0.6% up NE
RWY 05: PAPI(P2L)—GA 3.0° TCH 29'.
RWY 23: PAPI(P2L)—GA 3.0° TCH 32'. Road.
RWY 11-29: H3701X60 (ASPH-PFC) S-12.5 MIRL 0.3% up SE
RWY 11: PAPI(P2L)—GA 3.0° TCH 31'.
RWY 29: PAPI(P2L)—GA 3.0° TCH 38'. Light pole.
AIRPORT REMARKS: Attended 1500-0100Z†. For fuel after hours call
 406-450-2461 or 406-450-2463. Self svc credit card for 100LL
 and Jet A. Fuel truck avbl for Jet A. Deer on and invof arpt. Twys
 marked with reflectors. ACTIVATE MIRL Rwy 05-23; Rwy 11-29;
 PAPI Rwy 05, Rwy 23, Rwy 11 and Rwy 29—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
CUT BANK RCO 122.2 (GREAT FALLS RADIO)
SALT LAKE CENTER APP/DEP CON 133.4
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.
CUT BANK (L) VORTACW 114.4 CTB Chan 91 N48°33.90'
 W112°20.60' 077° 18.9 NM to fld. 3780/17E.
NDB (MHW) 347 SBX N48°32.46' W111°51.75' at fld.
 NOTAM FILE GTF.

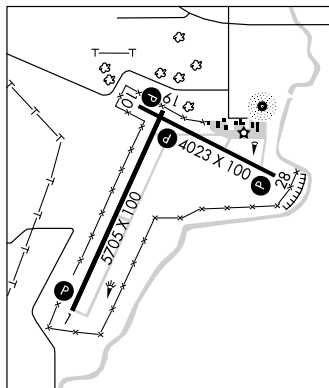
GREAT FALLS
 H-1D, L-13C
 IAP



SHER-WOOD (See PLENTYWOOD)

SIDNEY-RICHLAND MUNI (SDY) 1 W UTC-7(-6DT) N47°42.41' W104°11.55'
 1985 B S4 FUEL 100LL, JET A OX 3 Class III, ARFF Index A NOTAM FILE SDY
RWY 01-19: H5705X100 (ASPH-GRVD) S-40, D-55, DT-85 MIRL
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 33'.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Tree. Rgt tfc.
RWY 10-28: H4023X100 (ASPH-GRVD) S-12, D-18
 MIRL 0.4% up NW
RWY 10: REIL. PAPI(P2L)—GA 3.0 TCH 40'. Pole. Rgt tfc.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 26'. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA-5705 TODA-5705 ASDA-5705 LDA-5705
RWY 10: TORA-4022 TODA-4022 ASDA-4022 LDA-4022
RWY 19: TORA-5705 TODA-5705 ASDA-5705 LDA-5705
AIRPORT REMARKS: Attended 1200-0500Z†. On call 24 hrs a day. For
 arpt conditions, ctc arpt management 406-433-2415. ACTIVATE
 MIRL Rwy 01-19 and Rwy 10-28, REIL Rwy 01, Rwy 19, Rwy 10
 and Rwy 28; PAPI Rwy 01, Rwy 19, Rwy 10, and Rwy 28—CTAF.
WEATHER DATA SOURCES: AWOS-3 119.275 (406) 482-7323.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCD 123.65 (GREAT FALLS RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.
WILLISTON (L) VORTACW 116.3 ISN Chan 110 N48°15.21'
 W103°45.04' 197° 37.3 NM to fld. 2372/12E.
HIWAS.
NDB (HWS) 359 SDY N47°42.69' W104°10.91' at fld. NOTAM FILE SDY.

BILLINGS
 H-1E, 2G, L-13E
 IAP



SMITH LAKE N48°06.50' W114°27.68'. NOTAM FILE FCA.
NDB (MHW) 515 SAK 019° 14.7 NM to Glacier Park Intl.

GREAT FALLS
 L-13B

SPOTTED BEAR (USFS) (8U4) 3 NW UTC-7(-6DT) N47°57.50' W113°33.56'
 3670 NOTAM FILE GTF
RWY 14-32: 3800X78 (TURF)
RWY 14: Trees. **RWY 32:** Trees.
AIRPORT REMARKS: Unattended. Rwy 14-32 north quarter of strip has a slight dog-leg, dog leg begins 1100' from
 north end. Rwy 32 NSTD markings first 2400' marked with cones spaced 200' apart including dogleg.
COMMUNICATIONS: CTAF 122.9

GREAT FALLS

STANFORD (S64) 1 S UTC-7(-6DT) N47°08.81' W110°13.80'

4327 B FUEL 100LL, MOGAS NOTAM FILE GTF

RWY 11-29: H4200X75 (ASPH) S-12 MIRL

RWY 11: Fence. RWY 29: PAPI(P2L)-GA 3.0° TCH 30'. Road.

RWY 07-25: 1760X100 (TURF-GRVL)

RWY 07: Fence. RWY 25: P-line.

AIRPORT REMARKS: Attended irregularly. Mogas available from station attendant across from hangars. First 200' of Rwy 25 gravel with tall grass/weed growing through. First 500' Rwy 07 very rough; multiple gopher holes. ACTIVATE MIRL Rwy 11-29 and PAPI Rwy 29-CTAF.

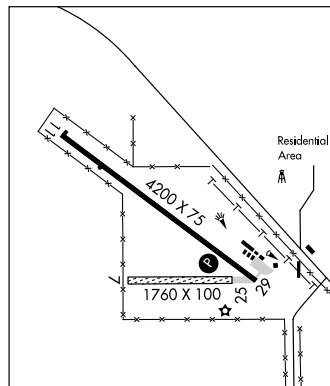
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.

LEWISTOWN (H) VORW/DME 112.0 LWT Chan 57 N47°03.18'
W109°36.37' 268° 26.2 NM to fld. 4133/15E.

GREAT FALLS

L-13D



STARR-BROWNING AIRSTRIP (See BROWNING)

STEVENSVILLE (32S) 2 NE UTC-7(-6DT) N46°31.51' W114°03.17'

3610 B S4 FUEL 100LL OX 4 NOTAM FILE GTF

RWY 12-30: H3800X60 (ASPH-PFC) S-12.5 MIRL 2.0% up SE

RWY 12: PAPI(P2L)-GA 3.0° TCH 37'. RWY 30: Trees.

AIRPORT REMARKS: Unattended. Parachute Jumping. Fuel sold 24 hr by credit card self svc. Snow removal intermittent. ACTIVATE MIRL Rwy 12-30 and PAPI Rwy 12-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

SPOKANE APP/DEP CON 124.9 (1400-0620Z‡)

SALT LAKE CENTER APP/DEP CON 133.4 (0620-1400Z‡)

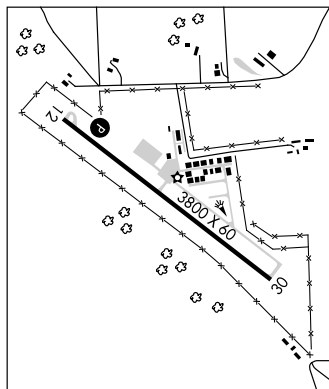
RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.

MISSOULA (L) VORW/DME 112.8 MSO Chan 75 N46°54.48'
W114°05.02' 160° 23 NM to fld. 3202/17E.

GREAT FALLS

L-13C

IAP



SUNBURST (8U5) 1 NW UTC-7(-6DT) N48°53.20' W111°55.30'

3401 NOTAM FILE GTF

RWY 05-23: 2700X140 (TURF)

RWY 05: Fence. RWY 23: Trees. Rgt tfc.

RWY 18-36: 1470X100 (TURF)

RWY 18: Fence.

AIRPORT REMARKS: Unattended. Rwy 05-23 and Rwy 18-36 rough with large gopher holes. Rwy 05-23 has red and black panel markers full length of rwy and thlds. Rwy 18-36 has red and black panel markers full length of rwy and thlds. Rwy 05 NSTD markings.

COMMUNICATIONS: CTAF 122.9

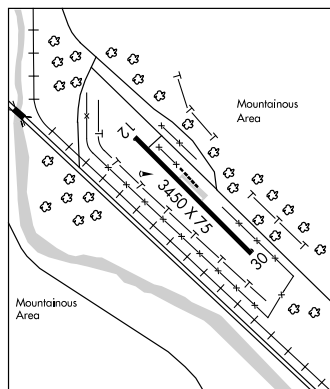
GREAT FALLS

SUPERIOR**MINERAL CO** (9S4) 2 SE UTC-7(-6DT) N47°10.10' W114°51.22'**GREAT FALLS**
L-13B

2787 NOTAM FILE GTF

RWY 12-30: H3450X75 (ASPH-PFC) S-12

RWY 12: Tree. RWY 30: Trees.

AIRPORT REMARKS: Unattended. Mountainous terrain surrounding arpt.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MSO.**MISSOULA (L) VORW/DME** 112.8 MSO Chan 75 N46°54.48'
W114°05.02' 280° 35.3 NM to fld. 3202/17E.**SWEETGRASS****ROSS INTL** (7S8) 1 W UTC-7(-6DT) N48°59.92' W111°58.65'**GREAT FALLS**

3552 LRA NOTAM FILE GTF

RWY 07-25: 2900X80 (TURF)

RWY 07: Road. RWY 25: Fence.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 07-25 surface muddy when wet. Gopher holes on rwy surface.

Eastern end and twy have heavy ruts. Rwy 07 red cones mark each thld and white cones spaced 200' mark rwy edges full length. +18' buildings, +4' fences and +30' trees both sides of twy and rwy in transition surface beginning 405' W of Rwy 25 E to Rwy 25 thld. Also Rwy 25 +22' fence 62' right and 515' from Rwy 25 end penetrates approach surface. 3' metal stakes obstrns in tiedown area.

COMMUNICATIONS: CTAF/UNICOM 122.8**TARGY** N44°34.52' W111°11.85' NOTAM FILE WYS.**GREAT FALLS**
L-13C**NDB (HW/LOM)** 415 LO 011° 7.6 NM to Yellowstone. Ops Jun-Sep annually.**TERRY** (8U6) 1 SE UTC-7(-6DT) N46°46.63' W105°18.79'**BILLINGS**
L-13E

2283 B NOTAM FILE GTF

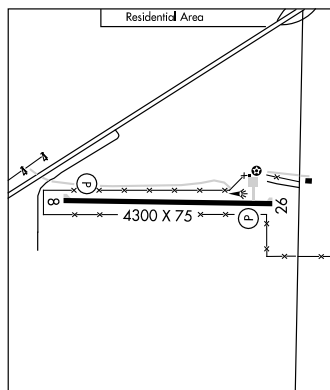
RWY 08-26: H4300X75 (ASPH) S-12.5 MIRL

RWY 08: PAPI(P2L)—GA 4.0° TCH 36'. Fence.

RWY 26: PAPI(P2L)—GA 3.0° TCH 25'. Road.

AIRPORT REMARKS: Attended continuously. Snow removal intermittent.

Rwy 08-26 has patchy rough areas. + 35' p-line 1075' from thld on centerline extended, 25:1 apch ratio. P-line marked with globes. ACTIVATE MIRL Rwy 08-26 and rotating bcn—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLS.**MILES CITY (H) VORW/DME** 112.1 MLS Chan 58 N46°22.93'
W105°57.21' 033° 35.6 NM to fld. 2640/15E.

THOMPSON FALLS (THM) 3 SE UTC-7(-6DT) N47°34.41' W115°16.84'

GREAT FALLS

L-13B

2467 B FUEL 100LL NOTAM FILE GTF

RWY 07-25: H4200X75 (ASPH) S-12.5 MIRL

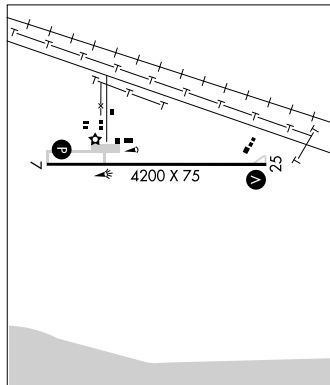
RWY 07: PAPI(P2L)—GA 4.0° TCH 40'. Fence.

RWY 25: VASI(V2L)—GA 4.0° TCH 37'. P-line. Call arpt manager at 406-827-0078 if arpt not attended.

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z. Call arpt manager at 406-827-0078 if arpt not attended. 24 hr credit card svc avbl for fuel. Waterfowl invof arpt. Snow removal intermittent. Call 406-827-0078 for rwy conditions. Marked ground wires 7 miles E Mainland to Big Island. Rwy 25 VASI rotated 4° to the North of rwy centerline and baffled 6° to South of rwy centerline. VASI Rwy 25 out of svc indefinitely. Rwy 07 PAPI baffled horizontally byd 5° north and south of centerline and unusable byd 2.6 NM. MIRL, VASI, PAPI on dusk to 0500Z via time clock, other times—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47°27.42' W115°38.76' 045° 16.4 NM to fld. 6100/20E. HIWAS.

**THREE FORKS** (9S5) 1 SE UTC-7(-6DT) N45°52.69' W111°34.17'

GREAT FALLS

H-1D, L-13C

4089 B S4 FUEL 100LL NOTAM FILE GTF

RWY 02-20: H5100X60 (ASPH) S-12 MIRL

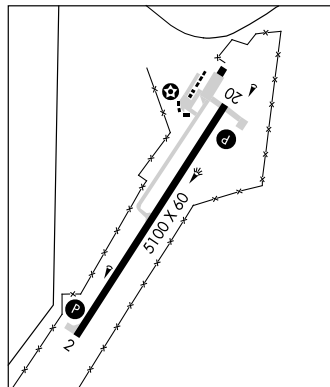
RWY 02: PAPI(P2L)—GA 3.0° TCH 24'.

RWY 20: PAPI(P2L)—GA 3.0° TCH 25'. Trees.

AIRPORT REMARKS: Attended continuously. Fuel 24 hr credit card svc avbl. Ultralight activity on and in vicinity of arpt. Parachute Jumping. Occasional aerobicic maneuvers invof arpt. Deer on and in vicinity of arpt. ACTIVATE MIRL Rwy 02-20 and PAPI Rwy 02, Rwy 20 and rotating bcn—CTAF.

WEATHER DATA SOURCES: AWOS-3 122.8 (617) 262-3825. OTS indef.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BZN.

BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45°47.03' W111°09.33' 270° 18.3 NM to fld. 4430/18E.

**TIBER DAM** (B70) 1 SW UTC-7(-6DT) N48°18.83' W111°06.55'

GREAT FALLS

3023 NOTAM FILE GTF

RWY 12-30: 2550X90 (TURF)

RWY 30: Road.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 12-30 marked with white cones full length spaced every 200'. Rwy 12-30 may be rough.

COMMUNICATIONS: CTAF 122.9**TILLITT FLD** (See FORSYTH)**TIMBER** N46°20.88' W104°15.38'. NOTAM FILE BHK.

BILLINGS

NDB (HW) 344 BKU at Baker Muni

L-13E

TOWER HILL N45°48.85' W104°26.83'.

BILLINGS

RCO 122.3 (GREAT FALLS RADIO)

L-13E

TOWNSEND**CANYON FERRY** (8U9) 7 NW UTC-7(-6DT) N46°25.13' W111°34.63'**GREAT FALLS**

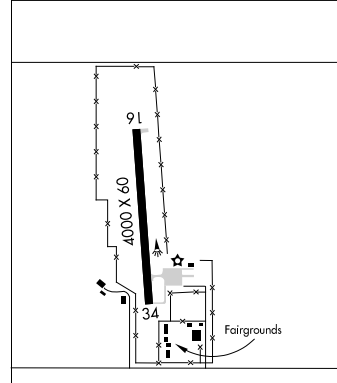
3840 NOTAM FILE GTF

RWY 16-34: 3200X75 (TRTD)**RWY 34:** Thld dspcd 597'. Road.**AIRPORT REMARKS:** Unattended. Rwy 16-34 surface rough due to rocks. Rwy 16-34 marked with white cones spaced 200' apart. Rwy 34 dspcd thld marked with red cones.**COMMUNICATIONS:** CTAF/UNICOM 122.8**TOWNSEND** (8U8) 2 E UTC-7(-6DT) N46°19.87' W111°28.96'**GREAT FALLS****L-13C**3893 B S4 **FUEL** 100LL NOTAM FILE GTF**RWY 16-34:** H4000X60 (ASPH) S-12.5 MIRL**RWY 34:** Tree.**AIRPORT REMARKS:** Unattended. Twy marked with reflectors. ACTIVATE

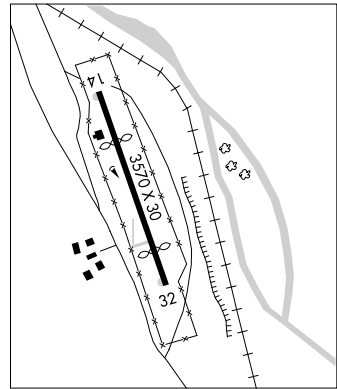
MIRL Rwy 16-34—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BZN.**BOZEMAN (H) VOR/DME** 112.4 BZN Chan 71 N45°47.03'

W111°09.33' 320° 35.6 NM to fld. 4430/18E.

**TROY** (57S) 1 NW UTC-7(-6DT) N48°28.81' W115°54.21'**GREAT FALLS****L-13B**

2017 NOTAM FILE GTF

RWY 14-32: H3570X30 (ASPH)**RWY 14:** Thld dspcd 825'. Trees.**RWY 32:** Thld dspcd 780'. Trees. Rgt tfc.**AIRPORT REMARKS:** Unattended. Pedestrians using walking track invof movement area. Rwy 14-32 rwy sfc rough. Loose gravel and debris on rwy. Weeds growing through cracks. No snow removal.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLP.**MULLEN PASS (H) VOR/DME** 117.8 MLP Chan 125 N47°27.42'W115°38.76' 331° 62.3 NM to fld. 6100/20E. **HIWAS.****TRULY** N47°21.95' W111°22.37'. NOTAM FILE GTF.**GREAT FALLS****L-13C****NDB (HW)** 371 ITU 345° 7.0 NM to Great Falls Intl.

TURNER (9U0) 1 NE UTC-7(-6DT) N48°51.25' W108°24.50'

BILLINGS

3049 B NOTAM FILE GTF

L-130

RWY 07-25: H3612X60 (ASPH) S-12.5 MIRL

RWY 07: Road.

RWY 25: PAPI(P2L)—GA 3.0° TCH 38'. Antenna.

RWY 10-28: 2190X90 (TURF)

RWY 10: Fence.

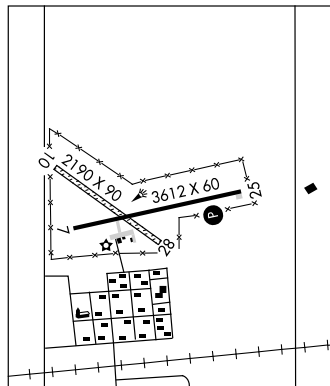
RWY 28: Fence.

AIRPORT REMARKS: Attended dawn-dusk Mon-Fri. Deer invof arpt. Rwy 10-28 marked with white cones full length thlds marked with red cones. MIRL Rwy 07-25 and PAPI Rwy 25 opr dusk-0500Z†, after 0500Z† ACTIVATE MIRL Rwy 07-25 and PAPI Rwy 25—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.

HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48°32.43' W109°46.20' 054° 57.3 NM to fld. 2583/16E.



TWIN BRIDGES (7S1) 2 SE UTC-7(-6DT) N45°32.02' W112°18.16'

GREAT FALLS

4777 B S4 FUEL 100LL, JET A NOTAM FILE GTF

L-13C

RWY 17-35: H4299X60 (ASPH) S-12.5 MIRL

RWY 17: PAPI(P2L)—GA 3.0° TCH 29'.

RWY 35: PAPI(P2L)—GA 3.0° TCH 35'. Tower.

RWY 07-25: 3400X110 (TURF-GRVL)

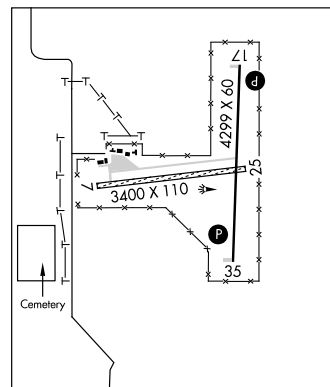
RWY 07: Road.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†. Ultralights on and in vicinity of arpt. Deer on and in vicinity of arpt. 195' tall tower 1.4 NM of Rwy 17 threshold. MIRL Rwy 17-35, PAPI Rwy 17 and Rwy 35 opr dusk-0300Z†; after 0300Z† ACTIVATE MIRL Rwy 17-35, PAPI Rwy 17 and Rwy 35—CTAF. Wx station on arpt, ACTIVATE—CTAF or call 617-262-3825.

COMMUNICATIONS: CTAF/AUNICOM 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DLN.

DILLON (H) VORW/DME 113.0 DLN Chan 77 N45°14.91' W112°32.83' 013° 20.0 NM to fld. 5260/18E.



VALIER (7S7) 1 S UTC-7(-6DT) N48°18.00' W112°15.05'

GREAT FALLS

3820 S4 FUEL 100LL, JET A NOTAM FILE GTF

RWY 07-25: 3075X150 (TURF)

RWY 07: Tree.

RWY 25: Rgt tfc. Fence.

RWY 04-22: 2280X300 (TURF)

RWY 04: Trees.

RWY 22: Road. Rgt tfc.

RWY 10-28: 2140X130 (TURF)

RWY 10: Fence.

RWY 28: Trees. Rgt tfc.

AIRPORT REMARKS: Attended continuously. For fuel call 406-279-3342. CAUTION: waterfowl on and invof arpt. Rwy 07-25, Rwy 10-28 and Rwy 04-22 marked with white cones full length. Rwy 07 NSTD markings.

COMMUNICATIONS: CTAF 122.9

WEST FORK LODGE (See CONNER)

WEST YELLOWSTONE**YELLOWSTONE** (WYS) 1 N UTC-7(-6DT) N44°41.30' W111°07.06'**GREAT FALLS**

6649 B FUEL 100LL, JET A1+ Class II, ARFF Index A NOTAM FILE WYS

H-1D, L-13C

RWY 01-19: H8400X150 (ASPH-GRVD) S-90, D-150, ST-175, DT-280 HIRL

IAP

RWY 01: MALSR. PAPI(P4L)—GA 3.0° TCH 49'.

RWY 19: REIL. VASI(V4L)—GA 3.0° TCH 53'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-8399 TODA-8399 ASDA-8399 LDA-8399

RWY 19: TORA-8399 TODA-8399 ASDA-8399 LDA-8399

AIRPORT REMARKS: Attended Jun-Sep 1330-0600Z. For fuel during off season hrs, call 406-646-7359. Arpt CLOSED from December 1 through May 31 except with PPR. Call 406-444-2506. Parachute Jumping. Heavy snowmobile use on and adjacent rwy winter months. PPR for air carrier ops with more than 30 passenger seats, call arpt manager 406-646-7631/9321. No snow removal. Arpt avbl and staffed Jun 1-Sep 30, ctc fixed base operator 406-646-7359 or owner 406-444-2506 for information other times. MALSR, REIL, VASI and HIRL out of svc Oct 1-May 31. ACTIVATE HIRL Rwy 01-19 and MALSR Rwy 01—CTAF not available from Oct 1 thru May 31 annually. Ldg fee for acft over 11,000 lbs.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 119.4 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 132.4

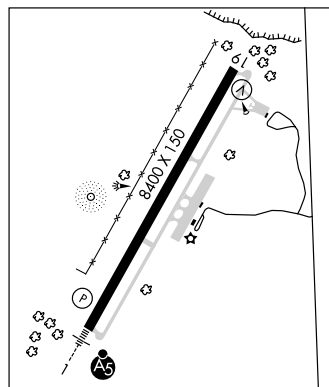
AIRSPACE: CLASS E svc continuous.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOI.

DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33' W112°12.56' 037° 59.2 NM to fld. 4915/15E.

NDB (HW) 338 ESY N44°41.38' W111°07.27' at fld. Opr June-Sept. NOTAM FILE WYS. VFR only. Out of svc Oct 1 thru May 31.

TARGY NDB (HW/LOM) 415 LO N44°34.52' W111°11.85' 011° 7.6 NM to fld. NOTAM FILE WYS. Ops Jun-Sep annually.

ILS 110.7 I-LOW Rwy 01. Class IA. LOM TARGY NDB. ILS opr Jun-Sep. Localizer unusable inside threshold. LOC and glideslope unmonitored.

**WHEATLAND CO AT HARLOWTON** (See HARLOWTON)**WHETSTONE INTL** (See PORT OF DEL BONITA)**WHITEFISH** (58S) 1 E UTC-7(-6DT) N48°24.48' W114°17.97'**GREAT FALLS**

3066 TPA-4066(1000) NOTAM FILE GTF

RWY 11-29: 2560X75 (TURF)

RWY 11: Thld dsplcd 278'. Trees. RWY 29: Trees.

AIRPORT REMARKS: Unattended. Numerous gopher holes on arpt. No snow removal. Arpt CLOSED from Nov through May. Rwy 11-29 marked with white cones. Rwy 11 dsplcd thld marked with red cones. Rwy 11-29 trees, railroad and p-lines in transitional surface full rwy length on N side.

COMMUNICATIONS: CTAF 122.9**WHITEHALL** N45°51.71' W112°10.18'. NOTAM FILE BTM.**GREAT FALLS**

(H) VORW/DME 113.7 HIA Chan 84 274° 14.8 NM to Bert Mooney. 5530/18E.

H-1D, L-13C

VOR and DME unusable:

105°-160° beyond 25 NM below 16,000'

275°-330° beyond 25 NM below 15,500'

210°-230° beyond 25 NM below 14,500'

355°-050° beyond 25 NM below 15,500'

WHITE SULPHUR SPRINGS (7S6) 3 S UTC-7(-6DT) N46°30.25' W110°54.80'**GREAT FALLS**

5061 B FUEL 100LL NOTAM FILE GTF

H-1D, L-13C

RWY 01-19: H6100X60 (ASPH) S-12.5 MIRL

RWY 01: PAPI(P2L)—GA 3.0° TCH 38'. Fence.

RWY 19: PAPI(P2L)—GA 3.0° TCH 37'. Thld dsplcd 213'.

P-line.

RWY 13-31: 3200X90 (TURF)

RWY 13: Road. RWY 31: P-line.

AIRPORT REMARKS: Unattended. Antelope and birds frequently on and in vicinity of arpt. Irrigation twrs AER 13. Snow removal irregular. MIRL Rwy 01-19 OTS indef. ACTIVATE MIRL Rwy 01-19 and PAPI Rwy 01 and Rwy 19—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BZN.

BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45°47.03' W111°09.33' 355° 44.4 NM to fld. 4430/18E

WILSALL (9U1) 4 NW UTC-7(-6DT) N46°02.98' W110°41.13' GREAT FALLS
 5134 NOTAM FILE GTF
RWY 01-19: 3100X78 (TURF)
RWY 01: Fence. **RWY 19:** Fence.
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Rwy 01-19 soft when wet, gopher holes on rwy. Rwy 01-19 marked with cones full length. Model airplane usage invof arpt.
COMMUNICATIONS: CTAF 122.9

WINIFRED (9S7) 1 S UTC-7(-6DT) N47°33.10' W109°22.66' GREAT FALLS
 3311 NOTAM FILE GTF
RWY 08-26: 2405X150 (TURF) S-4
RWY 08: Fence. **RWY 26:** Road.
AIRPORT REMARKS: Unattended. Emerg ctc 406-462-5426. Recommend land on Rwy 26 and tcf on Rwy 08 conditions permitting.
COMMUNICATIONS: CTAF 122.9

WISDOM (7S4) 2 S UTC-7(-6DT) N45°35.50' W113°27.55' GREAT FALLS
 6133 NOTAM FILE GTF
RWY 01-19: 3445X60 (TURF)
RWY 01: Road. **RWY 19:** Thld dsplcd 520'. Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED winter months. Rwy 01-19 wedge full length has 8 to 14 inch berm. Rwy 01-19 multiple gopher and badger holes, especially in southern end of rwy. Rwy 01 first 400' marked with white cones. Rwy 19 first 600' marked with white cones. Rwy 19 dsplcd thld marked with 4 red cones.
COMMUNICATIONS: CTAF 122.9

WISE RIVER (Ø2T) 2 SW UTC-7(-6DT) N45°46.15' W112°58.90' GREAT FALLS
 5830 NOTAM FILE GTF
RWY 02-20: 4050X60 (DIRT-AFSC)
RWY 02: Road. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt not plowed winter months. Rwy 02-20 2 cones on each rwy end mark thlds.
COMMUNICATIONS: CTAF 122.9

WOKAL FLD/GLASGOW INTL (See GLASGOW)

WOLF POINT N48°06.27' W105°36.12' NOTAM FILE OLF. BILLINGS
 NDB (HW) 404 OLF 108° 1.2 NM to L M Clayton. L-13E
 RCO 122.45 (GREAT FALLS RADIO)

WOLF POINT**L M CLAYTON** (OLF) 3 E UTC-7(-6DT) N48°05.67' W105°34.50'

1986 B S4 FUEL 100LL, JET A TPA-2786(800) Class III, ARFF Index A

NOTAM FILE OLF

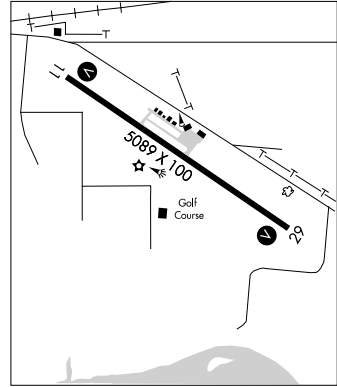
RWY 11-29: H5089X100 (ASPH-PFC) S-38, D-50 MIRL**RWY 11:** REIL. VASI(V2L)-GA 3.0° TCH 25'. Road.**RWY 29:** REIL. VASI(V2L)-GA 3.0° TCH 25'.

AIRPORT REMARKS: Attended Mon-Fri 1300-0230Z+. For svc after normal business hours call Arpt manager 406-650-8303 or 406-650-8305. 24 hr self service credit card fuel facility. Afld sfc conditions not monitored 0230-1300Z+. ACTIVATE MIRL Rwy 11-29, REIL Rwy 11 and Rwy 29, VASI Rwy 11 and Rwy 29-CTAF.

WEATHER DATA SOURCES: ASOS 118.325 (406) 653-3865.**COMMUNICATIONS:** CTAF/UNICOM 122.8**WOLF POINT RCO** 122.45 (GREAT FALLS RADIO)**(R) SALT LAKE CENTER APP/DEP CON** 126.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE GGW.

GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48°12.92' W106°37.53' 085° 42.8 NM to fld. 2280/14E.

WOLF POINT NDB (HW) 404 OLF N48°06.27' W105°36.12' 108° 1.2 NM to fld. NOTAM FILE OLF.

BILLINGS**H-1E, 2G, L-13E****IAP****YELLOWSTONE** (See WEST YELLOWSTONE)

AGGET N44°40.56' W124°03.92'. NOTAM FILE ONP.
 NDB (LOM) 350 ON 158° 5.8 NM to Newport Muni. Unusable 360°-150°.

SEATTLE

ALBANY MUNI (S12) 3 E UTC-8(-7DT) N44°38.27' W123°03.57'

SEATTLE

226 B S4 **FUEL** 100LL OX 3 NOTAM FILE MMV

L-1B

RWY 16-34: H3004X75 (ASPH) S-30, D-43, DT-71 MIRL

IAP

RWY 16: VASI(V4L)—GA 4.0° TCH 29'. Road.

RWY 34: REIL. VASI(V2L)—GA 4.0° TCH 25'. Tree.

AIRPORT REMARKS: Attended 1600-0100Z†. Twy marked by reflectors.

ACTIVATE VASI Rwy 16—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

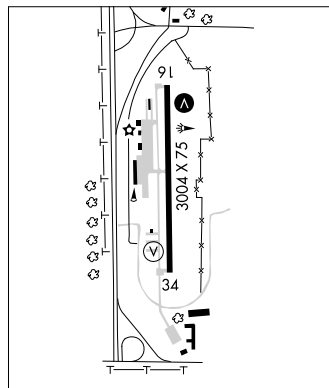
® **CASCADE APP/DEP CON** 127.5 (1400-0730Z†)

SEATTLE CENTER APP/DEP CON 125.8 (0730-1400Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE CVO.

CORVALLIS (H) VORW/DME 115.4 CVO Chan 101 N44°29.98'

W123°17.62' 032° 13 NM to fld. 241/18E.



ALKALI LAKE STATE (R03) 8 N UTC-8(-7DT) N43°05.24' W119°58.56'

KLAMATH FALLS

4312 TPA-5312(1000) NOTAM FILE MMV

RWY 18-36: 6100X150 (GRVL)

AIRPORT REMARKS: Unattended. Livestock frequently on rwy. Windssock midfield west side.

COMMUNICATIONS: CTAF 122.9

ARLINGTON MUNI (1S8) 1 NE UTC-8(-7DT) N45°42.99' W120°10.07'

SEATTLE

890 NOTAM FILE MMV

RWY 06-24: 5000X50 (DIRT)

RWY 24: Rgt t/c.

AIRPORT REMARKS: Unattended. Rwy 06-24 loose gravel on surface, center portion grvl, surface rough due to bunch grass growth.

COMMUNICATIONS: CTAF 122.9

ASHLAND MUNI-SUMNER PARKER FLD (S03) 2 E UTC-8(-7DT)

KLAMATH FALLS

N42°11.42' W122°39.64'

L-2I

1885 B S4 **FUEL** 100LL, JET A OX 2 TPA-2900(1015)

NOTAM FILE MMV

RWY 12-30: H3603X75 (ASPH) S-15 MIRL

RWY 12: VASI(V2L)—GA 3.75° TCH 37'. Trees.

RWY 30: REIL. VASI(V2L)—GA 4.0° TCH 22'. Thld dspcd 190'.

Trees.

AIRPORT REMARKS: Attended Oct-Apr Mon-Sat 1600-0100Z†, May-Sep Mon-Sat 1600-0200Z†, Sun 1700-0100Z†. 24 hr credit card fuel. Deer and birds on and in/ovf arpt. ACTIVATE MIRL Rwy 12-30, and REIL Rwy 30—CTAF. VASI Rwy 12 and Rwy 30 opr 24 hrs.

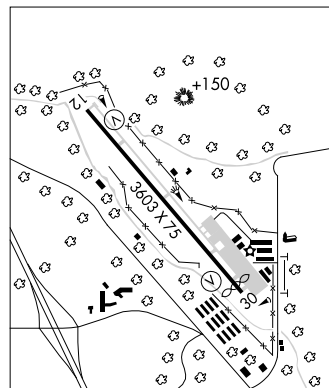
WEATHER DATA SOURCES: AWOS-3 122.7 (617) 262-3825. OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.

ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42°28.77'

W122°54.78' 128° 20.7 NM to fld. 2083/19E. HIWAS.



ASTORIA RGNL (AST) 3 SW UTC-8(-7DT) N46°09.48' W123°52.72'

SEATTLE

15 B S3 FUEL 100LL, JET A Class IV, ARFF Index A NOTAM FILE AST

H-1A, L-1C

RWY 08-26: H5796X100 (ASPH) S-60, D-76, ST-97, DT-119 MIRL

IAP

RWY 08: REIL. VASI(V4L)—GA 3.0° TCH 51'. Thld dsplcd 301'. Tree.

RWY 26: MALSR. Thld dsplcd 704'. Dike.

RWY 13-31: H4996X100 (ASPH) S-60, D-76, ST-97, DT-119 MIRL

RWY 13: REIL. VASI(V4L)—GA 3.0° TCH 54'. Berm.

RWY 31: PAPI(P4L)—GA 4.0° TCH 45'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5796 TODA-5796 ASDA-5196 LDA-4896

RWY 13: TORA-4467 TODA-4467 ASDA-4467 LDA-4467

RWY 26: TORA-5796 TODA-6096 ASDA-5496 LDA-4782

RWY 31: TORA-4467 TODA-4467 ASDA-4467 LDA-4467

AIRPORT REMARKS: Attended 1600-0100Z±. For fuel outside normal working hours ctc fixed-base operator 503-861-1222. Migratory flocks of waterfowl on and in vicinity of arpt. High concentration helicopter operations in area. ACTIVATE MIRL Rwy 08-26 and Rwy 13-31, MALSR Rwy 26 and REIL Rwy 08—CTAF.

WEATHER DATA SOURCES: ASOS 135.375 (503) 861-1371. HIWAS 114.0 AST.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (Mc MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 124.2

RADIO AIDS TO NAVIGATION: NOTAM FILE AST.

(L) VOR/DME 114.0 AST Chan 87 N46°09.70' W123°52.82' at fld. 10/19E. HIWAS.

VOR portion unusable:

019°-030° beyond 35 NM below 5500'

030°-045° beyond 30 NM below 5500'

045°-055° beyond 30 NM below 7500'

080°-100° beyond 34 NM below 6000'

120°-150° beyond 33 NM below 7000'

150°-170° beyond 36 NM below 7000'

170°-200° beyond 15 NM below 8000'

180°-210° beyond 10 NM below 3300'

180°-240° beyond 5 NM below 2000'

200°-210° beyond 20 NM below 8,000'

210°-240° beyond 30 NM below 6,000'

240°-320° beyond 12 NM below 2,000'

240°-320° beyond 25 NM below 5,000'

320°-330° beyond 30 NM below 5,500'

330°-360° beyond 20 NM below 5,500'

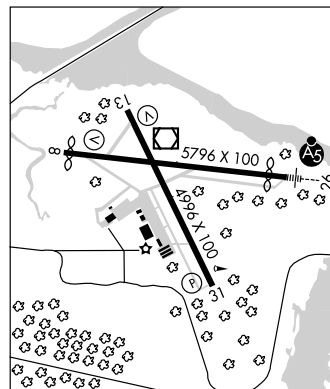
DME unusable:

075°-088° beyond 35 NM below 7,000'

330°-360° beyond 28 NM below 6,300'

KARPEN NDB (MHW) 201 PEN N46°08.37' W123°35.24' 255° 12.2 NM to fld. NDB unmonitored.

ILS 109.5 I-AST Rwy 26. Class IE.

**AURORA STATE** (UAO) 1 NW UTC-8(-7DT) N45°14.83' W122°46.20'

SEATTLE

200 B S4 FUEL 100LL, JET A OX 1 TPA-1200(1000) NOTAM FILE UAO

H-1B, L-1B

RWY 17-35: H5004X100 (ASPH-GRVD) S-30, D-45 MIRL

IAP

RWY 17: ODALS. VASI(V4R)—GA 3.5° TCH 40'. Trees.

RWY 35: VASI(V4L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended 1500-0500Z±. Rwy 17 +30' p-line 2100' from thld, marked by balls. Parallel twy 35' wide and has medium ints twy lgts. Rwy 17-35 has 150' blast pad at south end. Rwy 35 calm wind rwy. Exercise caution, frequent straight-in instrument apch ttc to Rwy 17. ACTIVATE MIRL Rwy 17-35, VASI Rwy 17 and Rwy 35 and ODALS Rwy 17—CTAF.

WEATHER DATA SOURCES: ASOS 118.525 (503) 678-3011.**COMMUNICATIONS:** CTAF/UNICOM 122.7

(R) PORTLAND APP/DEP CON 126.0 CLNC DEL 119.95

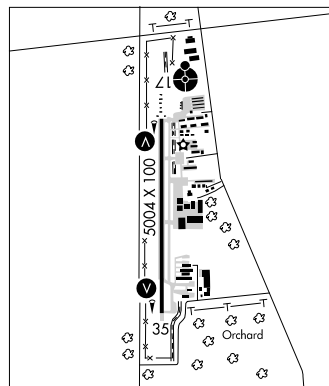
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VOR/DME 117.4 UBG Chan 121 N45°21.19'

W122°58.69' 105° 10.9 NM to fld. 1440/21E. HIWAS.

ILS/DME 111.15 I-UAO Chan 48(Y) Rwy 17. Class IA.

Loc only. DME unusable byd 15.2 NM blo 2500'.



BAKER CITY MUNI (BKE) 3 N UTC-8(-7DT) N44°50.24' W117°48.55'

SEATTLE

3373 B S2 FUEL 100LL, JET A NOTAM FILE BKE

H-1C, L-13B

RWY 13-31: H5095X100 (ASPH) S-50, D-65, ST-82 MIRL

IAP

RWY 13: VASI(V4L)—GA 3.0" TCH 55'. Trees. RWY 31: Road.

RWY 17-35: H4359X75 (ASPH) S-30

RWY 17: Trees. RWY 35: Thld displcd 397'.

RWY 08-26: H3670X140 (ASPH) S-30

RWY 08: Road.

RWY 26: P-line.

AIRPORT REMARKS: Attended daltg hrs. Birds invof arpt. Rwy 08-26 and Rwy 17-35 no winter maintenance, CLOSED by snow. Rwy 08-26 has many large unsealed cracks, grass growing on rwy, standing water on surface. Rwy 13-31 parallel twy marked with reflectors. ACTIVATE MIRL Rwy 13-31 and VASI Rwy 13—CTAF.

WEATHER DATA SOURCES: ASOS 134.275 (541) 523-5412.**COMMUNICATIONS:** CTAF/UNICOM 123.0

SALT LAKE CENTER APP/DEP CON 128.05

AIRSPACE: CLASS E svc continuous.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BKE.

(H) VORW/DME 115.3 BKE Chan 100 N44°50.44'

W117°48.47' at fld. 3360/20E.

VOR/DME unusable:

005°-050° byd 30 NM blo 12,000'

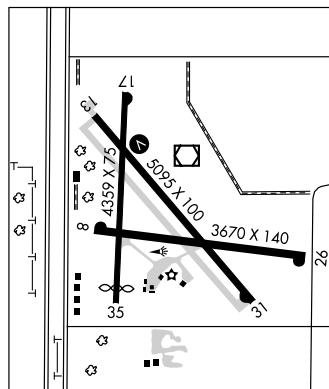
110°-125° byd 15 NM blo 9,000'

110°-125° byd 30 NM blo 11,000'

125°-180° byd 15 NM all altitudes

180°-200° byd 15 NM blo 12,000'

200°-230° byd 15 NM all altitudes



230°-265° byd 15 NM blo 12,000'

230°-265° byd 20 NM all altitudes

265°-290° byd 15 NM blo 12,000'

265°-290° byd 30 NM all altitudes

BANDON STATE (S05) 2 SE UTC-8(-7DT) N43°05.19' W124°24.47'

KLAMATH FALLS

122 B S4 FUEL 100LL TPA-1122(1000) NOTAM FILE MMV

L-1A

RWY 16-34: H3601X60 (ASPH) S-12 MIRL

RWY 16: REIL. PAPI(P4L) TCH 45'. Trees.

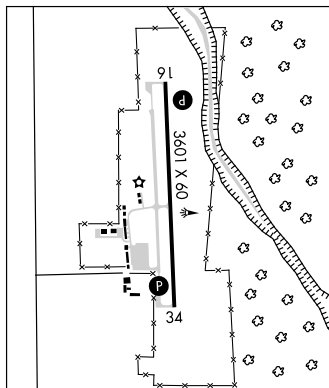
RWY 34: REIL. PAPI(P4L) TCH 40'. Trees.

AIRPORT REMARKS: Attended 1500-0200Z+. Deer invof arpt. Twy marked with blue reflectors. ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34 and PAPI Rwy 16 and Rwy 34—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE OTH.

NORTH BEND (L) VORTACW 112.1 OTH Chan 58 N43°24.93'

W124°10.11' 190° 22.4 NM to fld. 707/18E. HIWAS.

**BANKS** N45°37.82' W123°02.75' NOTAM FILE HIO.

SEATTLE

NDB (MHW) 356 PND 122° 6.7 NM to Portland-Hillsboro

L-1C

BEAVER MARSH STATE (2S2) 1 SW UTC-8(-7DT) N43°07.74' W121°49.07'

KLAMATH FALLS

4638 TPA-5638(1000) NOTAM FILE MMV

RWY 18-36: 4500X60 (DIRT)

RWY 18: Trees. RWY 36: Trees.

AIRPORT REMARKS: Unattended. CLOSED winter months. Rwy 18-36 15' rwy width usable in center. Rwy 18-36 dirt surface loose and powdery, creates clouds of dust, loose rocks on surface, rough.

COMMUNICATIONS: CTAF 122.9

BEAVER MOUNTAIN N44°35.21' W117°47.26'

RCO 122.4 (MC MINNVILLE RADIO)

SEATTLE

H-1C, L-13B

BEND MUNI (BDN) 5 NE UTC-8(-7DT) N44°05.67' W121°12.01'

3460 B S2 FUEL 100LL, JET A OX 1, 3, 4 TPA-4460(1000) NOTAM FILE MMV

KLAMATH FALLS

H-1B, L-13A

RWY 16-34: H5200X75 (ASPH) S-30 MIRL 1.0% up SE

IAP

RWY 16: PAPI(P4L)-GA 3.0° TCH 39'. Road.

RWY 34: PAPI(P4L)-GA 3.0° TCH 44'. Tree.

AIRPORT REMARKS: Attended Mon-Fri 1530-0200Z†, Sat-Sun 1600-0100Z†. Glider opr on and infov arpt. Calm wind rwy is Rwy 16. Noise abatement procedures in effect, call FBO at 541-388-0019. Twy parallel to Rwy 16-34 marked by reflectors. ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34-CTAF.

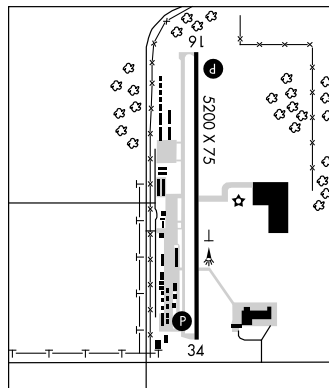
WEATHER DATA SOURCES: AWOS-3 134.425 (541) 382-1477.**COMMUNICATIONS:** CTAF/UNICOM 123.0

SEATTLE CENTER APP/DEP CON 128.15

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17'

W121°18.21' 137° 10.5 NM to fld. 4101/18E. HIWAS.

**BOARDMAN** (M50) 4 SW UTC-8(-7DT) N45°48.89' W119°49.23'

396 NOTAM FILE MMV

SEATTLE

L-13A

RWY 04-22: H4200X100 (ASPH) S-30 MIRL

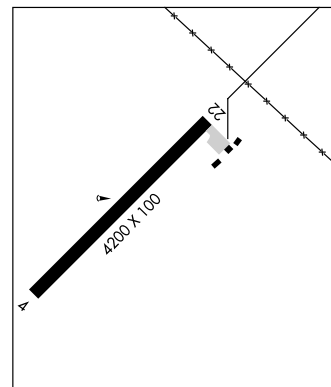
RWY 22: Rgt tfc.

AIRPORT REMARKS: Unattended. Telephone avbl. ACTIVATE MIRL Rwy 04-22-122.9.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PDT.

PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45°41.91'

W118°56.32' 261° 37.7 NM to fld. 1559/20E. HIWAS.

**BODEY** N44°18.48' W121°01.14' NOTAM FILE RDM.

NDB (HW/LOM) 411 RD 222° 6.5 NM to Roberts Fld.

KLAMATH FALLS

L-13A

NDB unusable 091°-111° byd 25 NM blo 14000'.

BROOKINGS (BOK) 1 NE UTC-8(-7DT) N42°04.47' W124°17.41'

459 B FUEL 100LL, JET A TPA-1459(1000) NOTAM FILE 4BK

KLAMATH FALLS

RWY 12-30: H2900X60 (ASPH) S-11 MIRL

RWY 12: PAPI(P2L)-GA 4.0° TCH 40'. Trees. Rgt tfc.

RWY 30: PAPI(P2L)-GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended continuously. ACTIVATE MIRL Rwy 12-30 and PAPI Rwy 12 and Rwy 30-CTAF.**WEATHER DATA SOURCES:** ASOS 132.025 (541) 412-8682.**COMMUNICATIONS:** CTAF/UNICOM 122.8

BURNS MUNI (BNO) 5 E UTC-8(-7DT) N43°35.52' W118°57.33'

KLAMATH FALLS

4148 B S4 FUEL 100LL, JET A NOTAM FILE BNO

H-1B, L-11A

RWY 12-30: H5100X75 (ASPH) S-30, D-50, DT-90 MIRL

IAP

RWY 12: REIL. VASI(V2L)—GA 3.0° TCH 45'.

RWY 30: REIL. VASI(V2L)—GA 3.0° TCH 45'. Road.

RWY 03-21: H4600X60 (CONC) S-30 MIRL

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 600'.

P-lines.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

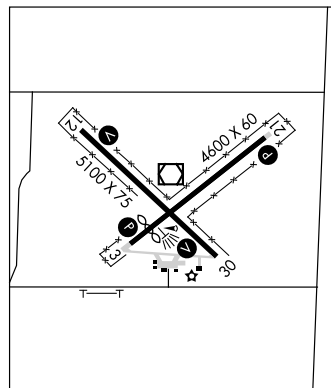
AIRPORT REMARKS: Attended Mon-Sat 1600-0200Z. Self serve card lock fuel avbl 24 hrs. Flocks of large birds in vicinity of arpt Feb-May and Sep-Oct. Bottle oxygen obtainable-½ hr. Rwy 21 PAPI OTS indef. ACTIVATE MIRL Rwy 03-21 and 12-30, PAPI Rwy 03 and 21, VASI Rwy 12 and 30, and REIL Rwy 03, 21, 12 and 30—CTAF.

WEATHER DATA SOURCES: ASOS 135.575 (541) 573-1382.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.5 (MC MINNVILLE RADIO)

AIRSPACE: CLASS E svc 1500-2300Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BNO.

WILDHORSE (L) VORW/DME 113.8 ILR Chan 85 N43°35.59' W118°57.30' at fld. 4140/18E.

**CAPE BLANCO STATE** (See DENMARK)**CASCADE LOCKS STATE** (CZK) 1 NE UTC-8(-7DT) N45°40.62' W121°52.73'

SEATTLE

151 TPA-1151(1000) NOTAM FILE CZK

RWY 06-24: H1800X30 (ASPH) S-4

RWY 06: Tree. RWY 24: Road. Rgt tfc.

AIRPORT REMARKS: Unattended. Owner advises ctc Oregon Dept. of Aviation 503-378-4880 prior to use. Unlighted powerlines 3NM SW of arpt.

COMMUNICATIONS: CTAF 122.9**CAVE JUNCTION****ILLINOIS VALLEY** (3S4) 4 SW UTC-8(-7DT) N42°06.22' W123°40.95'

KLAMATH FALLS

1394 B TPA-2394(1000) NOTAM FILE MMV

L-21

RWY 18-36: H4807X75 (ASPH) S-20, D-30 LIRL

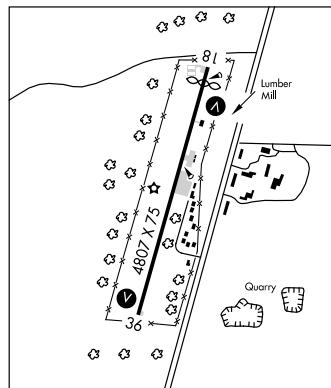
RWY 18: VASI(V2L)—GA 4.0° TCH 50'. Thld dsplcd 125'. Road.

RWY 36: VASI(V2L)—GA 4.5° TCH 49'. Trees.

AIRPORT REMARKS: Unattended. Frequent ultra-light activity. Rwy 18 and Rwy 36 VASI out of svc indefinitely. Rwy 36 designated calm wind rwy. ACTIVATE LIRL Rwy 18-36, VASI Rwy 18 and Rwy 36—CTAF.

WEATHER DATA SOURCES: AWOS-2 122.9 (617) 262-3825.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41°46.77' W124°14.44' 033° 31.7 NM to fld. 54/19E.

**CHEHALEM AIRPARK** (See NEWBERG)

CHILOQUIN STATE (2S7) 1 W UTC-8(-7DT) N42°34.99' W121°52.57'

KLAMATH FALLS

4217 B TPA-5217(1000) NOTAM FILE MMV

L-2J

RWY 17-35: H3735X60 (ASPH) S-10 MIRL

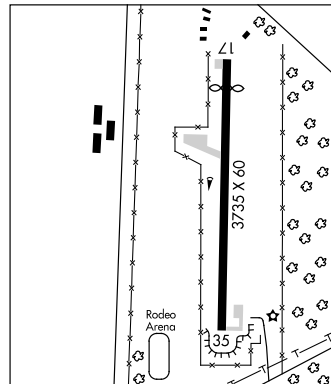
RWY 17: Thld dsplcd 420'. Tree.

RWY 35: Tree.

AIRPORT REMARKS: Unattended. Irregular winter maintenance, arpt may be clsd due to snow. Downdraft area north of rwy. ACTIVATE MIRL Rwy 17-35-CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE LMT.

KLAMATH FALLS (H) VORTACW 115.9 LMT Chan 106 N42°09.19' W121°43.65' 329° 26.6 NM to fld. 4087/17E. HIWAS.

**CHRISTMAS VALLEY** (62S) 1 SE UTC-8(-7DT) N43°14.19' W120°39.97'

KLAMATH FALLS

4317 B NOTAM FILE MMV

H-1B, L-11A

RWY 07-25: H5200X60 (ASPH) S-12 MIRL

RWY 07: Building. RWY 25: PAPI(P2L)-GA 3.0° TCH 38'. Building.

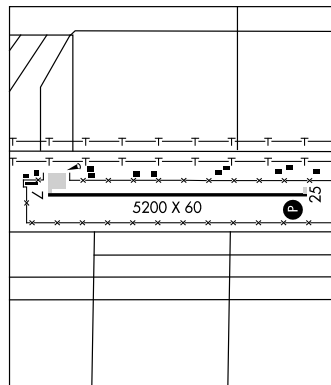
AIRPORT REMARKS: Unattended. UNICOM monitored irregularly.

ACTIVATE MIRL Rwy 07-25 and PAPI Rwy 25-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE LKV.

LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57' W120°30.43' 332° 45.2 NM to fld. 7460/19E.

HIWAS.

**CLEARWATER****TOKETE STATE** (3S6) 2 S UTC-8(-7DT) N43°13.41' W122°25.25'

KLAMATH FALLS

3361 NOTAM FILE MMV

RWY 11-29: 5350X60 (DIRT)

RWY 11: Trees.

RWY 29: Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED from 1 Nov-1 May. Elk and deer on and invof arpt. Arpt on W side of Cascades and affected by weather West. Best info on arpt thru US Forest svc Roseburg, or local fixed-base operator at Roseburg. Rwy 11-29 graded, 60' wide, shoulders rough and rutted. Rwy 11-29 has 120' trees 250' either side of centerline. Rwy 11-29 thlds outlined with white tires.

COMMUNICATIONS: CTAF 122.9**COLUMBIA** N45°35.32' W122°36.68' NOTAM FILE PDX.

SEATTLE

(H) TACAN Chan 29 CBU (109.2) at Portland Intl. 22/20E.

H-1B, L-1C

TACAN unusable:

030°-050° byd 20 NM blo 9,500'

220°-230° byd 20 NM blo 8,500'

155°-210° byd 20 NM blo 6,000'

230°-250° byd 15 NM blo 8,500'

210°-220° byd 20 NM blo 10,500'

250°-270° byd 20 NM blo 8,500'

COLUMBIA GORGE RGNL/THE DALLES MUNI (See THE DALLES)

CONDON STATE PAULING FLD (3S9) 1 NE UTC-8(-7DT) N45°14.79' W120°09.99'

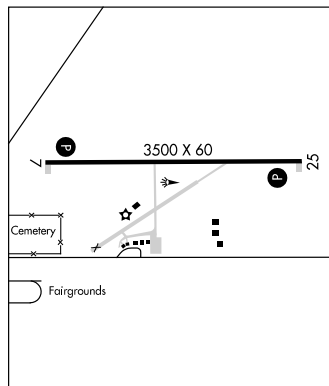
SEATTLE

2911 B TPA-3911(1000) NOTAM FILE MMV

L-13A

RWY 07-25: H3500X60 (CONC) S-12 MIRL**RWY 07:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.**RWY 25:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Ground.**AIRPORT REMARKS:** Unattended. Heavy agricultural ops Feb-Jun. Tmpy tie-down area/gravel parking apron clsd. ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and Rwy 25, and REIL Rwy 07 and Rwy 25—CTAF.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE DLS.**KLICKITAT (H) VORW/DME** 112.3 LTJ Chan 70 N45°42.81'

W121°06.05' 104° 48.4 NM to fld. 3220/21E.

HIWAS.**CORNELIUS****SKYPORT** (4S4) 3 N UTC-8(-7DT) N45°34.96' W123°03.17'

SEATTLE

174 NOTAM FILE MMV

RWY 16-34: 2000X45 (TURF-GRVL)**RWY 16:** Trees. Rgt tfc.**RWY 34:** Thld dsplcd 200'. Road.**AIRPORT REMARKS:** Attended 1400-0400Z†. Helicopter and Ultralight ops prohibited. Rwy 16-34 rwy ends marked with half barrels. Rwy 34 dsplcd thld marked with 'L' shaped boards.**COMMUNICATIONS:** CTAF 122.9**CORVALLIS MUNI** (CVO) 4 SW UTC-8(-7DT) N44°29.83' W123°17.37'

KLAMATH FALLS

250 B S4 FUEL 100LL, JET A OX 1, 2, 3 TPA-1050(800) NOTAM FILE CVO

H-1A, L-1B

RWY 17-35: H5900X150 (ASPH) S-35, D-73, ST-127, DT-100 MIRL

IAP

RWY 17: MALSR. VASI(V4L)—GA 3.0° TCH 50'.**RWY 35:** REIL. VASI(V4L)—GA 3.0° TCH 51'.**RWY 09-27:** H3545X75 (ASPH) S-51, D-65, ST-83, DT-100 MIRL**RWY 27:** PAPI(P4L)—GA 3.0° TCH 25'. Thld dsplcd 199'. Railroad.**AIRPORT REMARKS:** Attended 1600Z†-dusk. Migratory waterfowl and other birds on and in the vicinity of arpt. Heavy-lift helicopter activity on and in vof arpt, be aware of possible rotor tip vortices. ACTIVATE MALSR Rwy 17 and MIRL Rwy 09-27—CTAF.**WEATHER DATA SOURCES:** AWOS-3 135.775 (541) 754-0081.**COMMUNICATIONS:** CTAF/UNICOM 123.0

Ⓡ CASCADE APP/DEP CON 127.5 (1400-0730Z†)

Ⓡ SEATTLE CENTER APP/DEP CON 125.8 (0730-1400Z†)

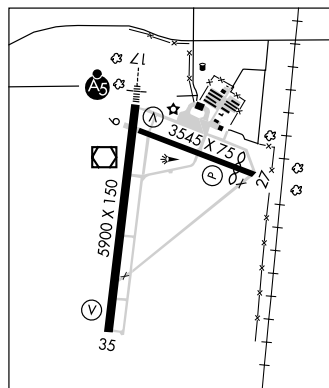
RADIO AIDS TO NAVIGATION: NOTAM FILE CVO.

(H) VORW/DME 115.4 CVO Chan 101 N44°29.98'

W123°17.62' at fld. 241/18E.

LEWISBURG NDB (MHW) 225 LWG N44°36.82' W123°16.24'

169° 7.0 NM to fld.

ILS 111.9 I-CVO Rwy 17. Class IT.

COTTAGE GROVE STATE (61S) 1 E UTC-8(-7DT) N43°47.99' W123°01.74'

KLAMATH FALLS

641 B FUEL 100LL TPA-1641(1000) NOTAM FILE MMV

L-1A

RWY 15-33: H3188X60 (ASPH) S-15 MIRL

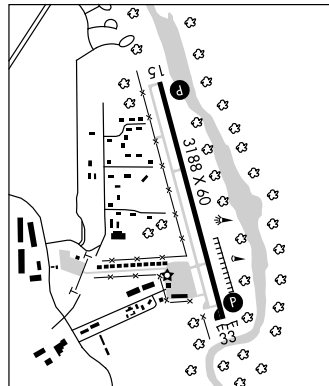
RWY 15: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 33: PAPI(P4R)—GA 4.2° TCH 45'. Tree. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Sat 1800-0300Z†. If no attendant on duty, phone number is posted on pump. Fuel avbl 24 hr self serve cardlock. High concentration of birds on and in vicinity of arpt. Deer on and in vicinity of arpt all hours. Twys 25' wide, marked with blue reflectors. Unicom unmonitored. PAPI Rwy 15 OTS indef. ACTIVATE MIRL Rwy 15-33 PAPI Rwy 15 and Rwy 33—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE EUG.

EUGENE (H) VORTACW 112.9 EUG Chan 76 N44°07.25' W123°13.37' 136° 21.0 NM to fld. 364/20E. HIWAS.

**COUNTRY SQUIRE AIRPARK** (See SANDY)**CRESCENT LAKE STATE** (5S2) 2 NE UTC-8(-7DT) N43°31.96' W121°57.00'

KLAMATH FALLS

4810 TPA-5810(1000) NOTAM FILE MMV

L-1A

RWY 13-31: H3900X30 (ASPH)

RWY 13: Trees. RWY 31: Thld dsplcd 275'. Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1-May 1 due to snow. Rwy surrounded by trees. Owner advises contact with State Department of Aviation 503-378-4880. Gravel occasionally on rwy due to runoff.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSG Chan 123 N44°15.17' W121°18.21' 195° 51.5 NM to fld. 4101/18E. HIWAS.

CRESWELL**HOBBY FLD** (77S) 1 NE UTC-8(-7DT) N43°55.85' W123°00.40'

KLAMATH FALLS

538 B S4 FUEL 100LL, JET A TPA-1403(865) NOTAM FILE MMV

L-1A

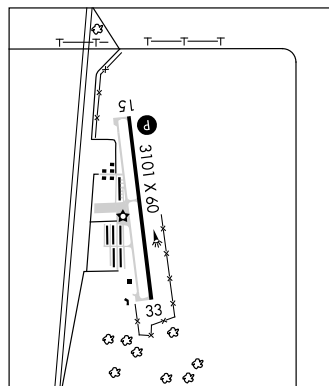
RWY 15-33: H3101X60 (ASPH) S-12 MIRL

RWY 15: PAPI(P2L)—GA 3.0°. Tree. RWY 33: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1700-0200Z†, Sat-Sun 1900-0000Z†. Self serve fuel avbl 24 hrs. Parachute Jumping. ACTIVATE MIRL Rwy 15-23 and PAPI Rwy 15—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE EUG.

EUGENE (H) VORTACW 112.9 EUG Chan 76 N44°07.25' W123°13.37' 121° 14.8 NM to fld. 364/20E. HIWAS.



CULVER**LAKE BILLY CHINOOK STATE** (5S5) 6 W UTC-8(-7DT) N44°31.16' W121°19.24'

SEATTLE

2695 TPA-3695(1000) NOTAM FILE MMV

RWY 16-34: H2500X32 (ASPH)**RWY 16:** Thld dsplcd 660'. Trees.**RWY 34:** Tree.

AIRPORT REMARKS: Unattended. Animals on and in vicinity of arpt. Grass area south of rwy not for acft ops. Rwy 16-34 has restricted rwy sight distance. Rwy 16 NSTD dsplcd thld marked with three orange reflective marker cans each side.

COMMUNICATIONS: CTAF 122.9**DAVIS**

(See GATES)

DENMARK**CAPE BLANCO STATE** (5S6) 4 SW UTC-8(-7DT) N42°51.47' W124°31.06'

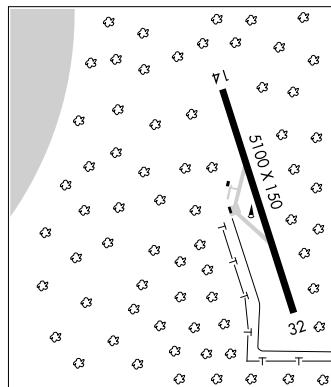
KLAMATH FALLS

214 TPA-1214(1000) NOTAM FILE MMV

H-1A, L-1A

RWY 14-32: H5100X150 (ASPH) S-115, D-185, DT-340**RWY 14:** Trees.**RWY 32:** Brush.**AIRPORT REMARKS:** Unattended.**COMMUNICATIONS:** CTAF 122.9**CAPE BLANCO RCO** 122.4 (MC MINNVILLE RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE CEC.**CRESCENT CITY (L) VORTAC** 109.0 CEC Chan 27 N41°46.77'

W124°14.44' 330° 65.7 NM to fld. 54/19E.

**DESCHUTES** N44°15.17' W121°18.21' NOTAM FILE RDM.

KLAMATH FALLS

(H) **VORTACW** 117.6 DSD Chan 123 071° 6.6 NM to Roberts Fld. 4101/18E. **HIWAS.**

H-1B, L-13A

VORTAC unusable: 220°-240° byd 30 NM

EASTERN OREGON RGNL AT PENDLETON (See PENDLETON)**EMIRE** N43°23.67' W124°18.62' NOTAM FILE OTH.

KLAMATH FALLS

NDB (LOM) 378 OT 046° 3.1 NM to Southwest Oregon Rgnl.

L-1A

Unusable 360°-165° byd 10 NM

ENTERPRISE N45°26.04' W117°16.23'

SEATTLE

RCO 122.5 (MC MINNVILLE RADIO)

L-13B

ENTERPRISE MUNI (8S4) 0 E UTC-8(-7DT) N45°25.49' W117°15.89'

SEATTLE

3957 B S2 **FUEL** 100LL TPA-4957(1000) NOTAM FILE MMV**RWY 12-30:** H2850X50 (ASPH) S-7 LIRL

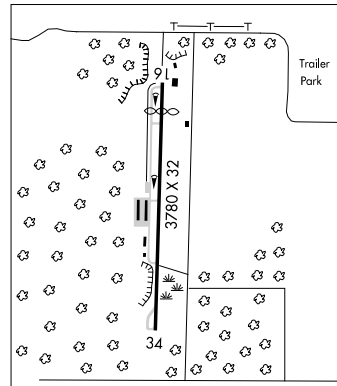
AIRPORT REMARKS: Attended on call. For attendant call 541-426-3562. For fuel call 541-426-3288. No line of sight from rwy ends. Announce intentions arriving/departure on 122.8. 65' lgtd cell twr located 200' SW of Rwy 12.

Minor airframe and minor power plant repairs on call 541-426-4984. Be alert, soft edges and steep shoulders along rwy and twy. Parallel twy 20' wide, loose grvl on surface. Unlgtd helipad 150' SE of rotating bcn adjacent to twy.

COMMUNICATIONS: CTAF/UNICOM 122.8

ESTACADA**VALLEY VIEW** (5S9) 1 NE UTC-8(-7DT) N45°18.49' W122°19.12'

735 TPA-1685(950) NOTAM FILE MMV

RWY 16-34: H3780X32 (ASPH)**RWY 16:** Thld dsplcd 490'. Trees.**RWY 34:** Trees.**AIRPORT REMARKS:** Attended irregularly. LIRL Rwy 16-34 owner's use only. Rwy 16 lgtd thld relocated 250' for ngt ops.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MMV.**NEWBERG (H) VORW/DME** 117.4 UBG Chan 121 N45°21.19' W122°58.69' 074° 28.1 NM to fld. 1440/21E. **HIWAS.****SEATTLE****L-1B****EUGENE** N44°07.25' W123°13.37'. NOTAM FILE EUG.**(H) VORTACW** 112.9 EUG Chan 76 at Mahlon Sweet Fld. 364/20E. **HIWAS.****RCO** 122.3 (MC MINNVILLE RADIO)**KLAMATH FALLS****H-1A, L-1B**

EUGENE**MAHLON SWEET FLD** (EUG) 7 NW UTC-8(-7DT) N44°07.40' W123°13.12'

374 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA-1174(800) Class I, ARFF Index B

KLAMATH FALLSH-1A, L-1B
IAP, AD

NOTAM FILE EUG

RWY 16R-34L: H8009X150 (ASPH-GRVD) S-75, D-200,

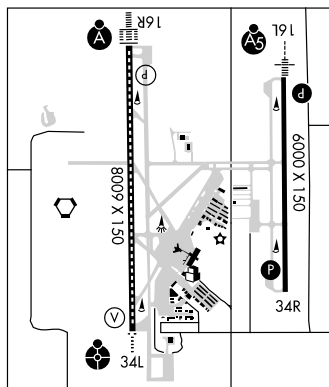
DT-400 HIRL CL

RWY 16R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 50'.**RWY 34L:** ODALS. VASI(V4L)—GA 3.0° TCH 53'.**RWY 16L-34R:** H6000X150 (ASPH-GRVD) S-105, D-175,

DT-240 HIRL

RWY 16L: MALSR. PAPI(P4L)—GA 3.0° TCH 52'.**RWY 34R:** REIL. PAPI(P4L)—GA 3.0° TCH 50'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 16L:** TORA-6000 TODA-6000 ASDA-6000 LDA-6000**RWY 16R:** TORA-8009 TODA-8009 ASDA-8009 LDA-8009**RWY 34L:** TORA-8009 TODA-8009 ASDA-8009 LDA-8009**RWY 34R:** TORA-6000 TODA-6000 ASDA-6000 LDA-6000

AIRPORT REMARKS: Attended continuously. Migratory waterfowl and other birds on and in/ovf arpt. Possible up/down drafts and restricted visibility due to fld burning between July-September. PPR for unscheduled air carrier ops with more than 30 passenger seats call 541-682-5430. ARFF svcs unavailable 0000-0500 local except PPR 541-682-5430. No access to Rwy 34L byd Twy A9. Helicopters ldg and departing avoid overflying the airline passenger terminal and ramp located E of Rwy 16R-34L. Helipads west of Rwy 16R restricted, PPR phone 541-682-5430. Twys H and K unavailable to acft 21,000 pounds single weight and 40,000 pounds dual gross weight. Terminal apron closed to acft except scheduled air carriers and flights with prior permission. HIRL Rwy 16L-34R and Rwy 16R-34L twr cti 1400-0730Z†, med ints 0730-1400Z†. PAPI Rwy 16R and VASI Rwy 34L opr 24 hrs. ALSF Rwy 16R and ODALS Rwy 34L, MALSR Rwy 16L, PAPI Rwy 16L and Rwy 34R, and REIL Rwy 34R twr cti 1400-0730Z†, 0730-1400Z† ACTIVATE—CTAF.

WEATHER DATA SOURCES: ASOS (541) 461-3114. HIWAS 112.9 EUG.**COMMUNICATIONS:** CTAF 118.9 ATIS 125.225 (541) 607-4699 UNICOM 122.95**EUGENE RCO** 122.3 (MC MINNVILLE RADIO)⑧ **CASCADE APP/DEP CON** 119.6 (340°-159°) 120.25 (160°-339°) (1400-0730Z†)⑧ **SEATTLE CENTER APP/DEP CON** 125.8 (0730-1400Z†)**EUGENE TOWER** 118.9 (Rwy 16R-34L), 124.15 (Rwy 16L-34R) (1400-0730Z†) **GND CON/CLNC DEL** 121.7**AIRSPACE:** CLASS D svc 1400-0730Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE EUG.**EUGENE (H) VORTACW** 112.9 EUG Chan 76 N44°07.25' W123°13.37' at fld. 364/20E. HIWAS.**FRAKK NDB(MHW)** 260 EU N44°12.77' W123°13.23' 157° 5.3 NM to fld.**ILS/DME** 110.1 I-EUG Chan 38 Rwy 16R. Class IIIIE. OM FRAKK NDB ILS unmonitored when tower closed.**ILS/DME** 111.75 I-ADE Chan 54(Y) Rwy 16L. Class IE.**FLORENCE****FLORENCE MUNI** (6S2) 1 N UTC-8(-7DT) N43°58.96' W124°06.68'**KLAMATH FALLS**

51 B FUEL 100LL, JET A TPA-1051(1000)

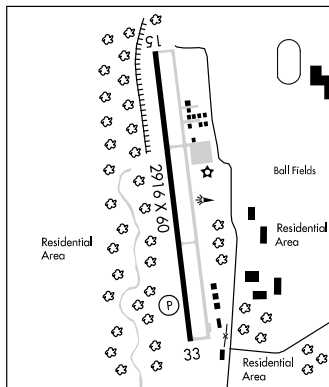
NOTAM FILE MMV

RWY 15-33: H2916X60 (ASPH) S-12.5 MIRL**RWY 15:** Rgt tfo.**RWY 33:** PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1630-0030Z†. Birds, deer and wildlife on and in/ovf arpt. ACTIVATE MIRL Rwy 15-33—CTAF. PAPI Rwy 33 opr 24 hrs.

WEATHER DATA SOURCES: AWOS-3 118.225 (541) 997-8664.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE OTH.**NORTH BEND (L) VORTACW** 112.1 OTH Chan 58 N43°24.93' W124°10.11' 346° 34.1 NM to fld. 707/18E.

HIWAS.



LAKE WOAHIK SPB (10Ø) 4 S UTC-8(-7DT) N43°54.25' W124°06.88'

KLAMATH FALLS

39 NOTAM FILE MMV

WATERWAY N-S: 9000X1000 (WATER)

WATERWAY N: Trees.

WATERWAY S: Trees. Rgt tfc.

WATERWAY NW-SE: 3200X1000 (WATER)

WATERWAY NW: Trees.

WATERWAY SE: Trees. Rgt tfc.

SEAPLANE REMARKS: Unattended. Noise abatement procedures in effect avoid overflight of homes. Sealanes not marked.

COMMUNICATIONS: CTAF 122.9

FORIS N45°41.73' W118°43.83'. NOTAM FILE PDT.

SEATTLE

NDB (HW/LDM) 230 PD 250° 4.7 NM to Eastern Oregon Rgnl At Pendleton. Unmonitored. SHUTDOWN.

L-13A

NDB unusable 030°-100° beyond 30 NM 100°-200° beyond 40 NM.

FRAKK N44°12.77' W123°13.23'. NOTAM FILE EUG.

KLAMATH FALLS

NDB (MHW) 260 EU 157° 5.3 NM to Mahlon Sweet Fld. Unmonitored when twr clsd.

L-1B

NDB unusable 020°-070° byd 15 NM and 170°-310° byd 11 NM.

GATES

DAVIS (6S4) 1 S UTC-8(-7DT) N44°44.74' W122°25.29'

SEATTLE

1026 NOTAM FILE MMV

RWY 07-25: 1940X50 (TURF)

RWY 07: Trees.

RWY 25: Tree.

AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

GEORGE FELT (See ROSEBURG)

GLENEDEN BEACH

SILETZ BAY STATE (S45) 1 SE UTC-8(-7DT) N44°52.62' W124°01.71'

SEATTLE

L-1B

69 B TPA-1069(1000) NOTAM FILE MMV

RWY 17-35: H3300X60 (ASPH) S-11 MIRL

RWY 17: Trees. Rgt tfc.

RWY 35: Brush.

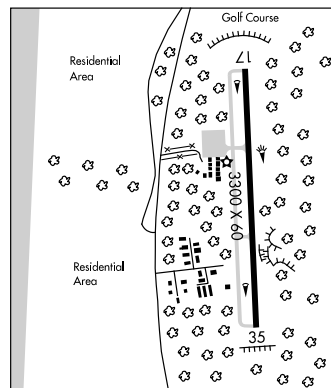
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Rwy 35 has 4-6 inch dip 800' from S end. MIRL Rwy 17-35 preset low intensity; ACTIVATE higher intensity-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE ONP.

NEWPORT (H) VORTACW 117.1 ONP Chan 118 N44°34.52'

W124°03.64' 345° 18.1 NM to fld. 150/19E.



GOLD BEACH MUNI (4S1) 0 W UTC-8(-7DT) N42°24.92' W124°25.50'

KLAMATH FALLS

L-2J

20 B FUEL 100LL, JET A NOTAM FILE MMV

RWY 16-34: H3237X75 (ASPH) S-12.5 MIRL

RWY 16: REIL. Thld dspcd 90'. Road. Rgt tfc.

RWY 34: REIL. Road.

AIRPORT REMARKS: Attended 1600-0100Z±. BE ALERT: Birds on and in the vicinity of arpt. ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34-CTAF.

WEATHER DATA SOURCES: AWOS-3 118.15 (541) 247-2518.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41°46.77' W124°14.44'

329° 39.0 NM to fld. 54/19E.

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored.

GRANT CO RGNL/OGILVIE FLD (See JOHN DAY)**GRANTS PASS** (3S8) 5 NW UTC-8(-7DT) N42°30.61' W123°23.28'**KLAMATH FALLS**1126 B S4 **FUEL** 100LL, JET A TPA-2126(1000) NOTAM FILE MMV

L-2J

RWY 12-30: H4001X75 (ASPH) S-19 MIRL 0.8% up SE

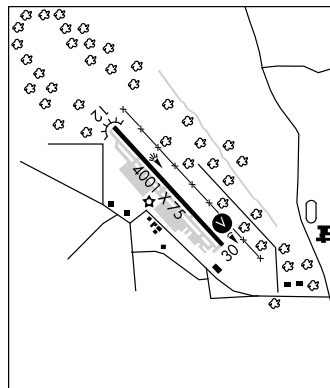
IAP

RWY 12: REIL. Trees.**RWY 30:** REIL. VASI(V4R)—GA 4.25° TCH 55'. Trees.

AIRPORT REMARKS: Attended 1600-0100Z†. 24 hr credit card fuel avbl. VASI Rwy 30 not to be used for turbojet operations. Rwy 30 designated calm wind rwy. Rwy 12-30 has basic markings, plus aiming point markings. ACTIVATE VASI Rwy 30 and REIL Rwy 12 and Rwy 30—CTAF. MIRL Rwy 12-30 on continuously.

WEATHER DATA SOURCES: AWOS-2 122.8 (617) 262-3825.**COMMUNICATIONS:** CTAF/UNICOM 122.8**CASCADE APP/DEP CON** 124.3 (1400-0700Z†)**SEATTLE CENTER APP/DEP CON** 121.4 (0700-1400Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE MFR.

ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42°28.77' W122°54.78' 256° 21.2 NM to fld. 2083/19E. **HIWAS.**

**HERMISTON MUNI** (HRI) 2 SE UTC-8(-7DT) N45°49.69' W119°15.55'**SEATTLE**644 B S4 **FUEL** 100LL, JET A TPA-1444(800) NOTAM FILE HRI

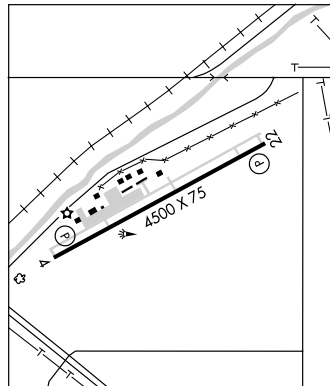
L-13A

RWY 04-22: H4500X75 (ASPH) S-22 MIRL

IAP

RWY 04: PAPI (P2L)—GA 3.0° TCH 36'. Tree.**RWY 22:** REIL. PAPI(P2L)—GA 3.5° TCH 37'. P-line.

AIRPORT REMARKS: Attended Oct-Mar 1600-0100Z†, Apr-Sep 1600-0200Z†. Parachute Jumping. ACTIVATE MIRL Rwy 04-22 and REIL Rwy 22—CTAF. PAPI Rwy 04 and Rwy 22 opr continuously.

WEATHER DATA SOURCES: ASOS 135.225 (541) 567-8580.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **CHINOOK APP/DEP CON** 133.15 (1400-0600Z†)**SEATTLE CENTER APP/DEP CON** 132.6 (0600-1400Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PDT.**PENDLETON (H) VORTACW** 114.7 PDT Chan 94 N45°41.91'W118°56.32' 280° 15.6 NM to fld. 1559/20E. **HIWAS.****HILLSBORO****STARK'S TWIN OAKS AIRPARK** (7S3) 4 S UTC-8(-7DT) N45°25.71' W122°56.53'**SEATTLE**170 S3 **FUEL** 100LL TPA-1110(940) NOTAM FILE MMV**RWY 02-20:** H2465X48 (ASPH) LIRL**RWY 02:** Thld dsplcd 100'. Tree.**RWY 20:** Trees.

AIRPORT REMARKS: Attended dawn-dusk. Rwy lgts opr 0200-0800Z†. For LIRL Rwy 02-20 after 0800Z† PPR call arpt manager 503-628-2056.

COMMUNICATIONS: CTAF/UNICOM 123.05**PORTLAND CLNC DEL** 119.95**HOBBY FLD** (See CRESWELL)

HOOD RIVER**KEN JERNSTEDT AIRFIELD**

(4S2) 2 S UTC-8(-7DT) N45°40.36' W121°32.19'

SEATTLE

631 B S4 FUEL 100LL TPA-1500(869) NOTAM FILE MMV

L-1C, 13A

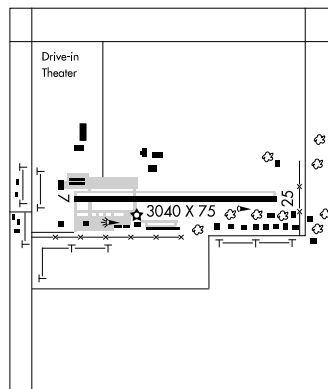
RWY 07-25: H3040X75 (ASPH) S-23 LIRL

RWY 07: Tree. RWY 25: REIL. Road.

AIRPORT REMARKS: Attended Nov-Apr 1600-0100Z†, May-Oct 1600-0200Z†. Frequent vehicular tfc AER 07. Gliders and ultralights use right traffic for Rwy 07 and 25. ACTIVATE REIL Rwy 25—CTAF. Rwy 07-25 LIRL opr continuously.

WEATHER DATA SOURCES: AWOS-3 134.375 (541) 386-2386.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE DLS.

KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.81' W121°06.05' 242° 18.5 NM to fld. 3220/21E. HIWAS.

**HUBBARD****LENHARDT AIRPARK**

(7S9) 3 E UTC-8(-7DT) N45°10.82' W122°44.61'

SEATTLE

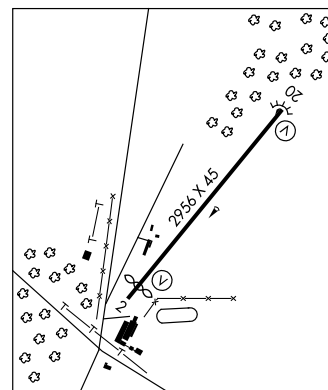
165 S4 FUEL 100LL NOTAM FILE MMV

RWY 02-20: H2956X45 (ASPH) LIRL

RWY 02: VASI(NSTD)—GA 7.0°. Thld dsplcd 230'. Road.

RWY 20: VASI(NSTD)—GA 4.0°. Trees.

AIRPORT REMARKS: Attended irregularly. Rwy 02 +6' fence 50' right of threshold. Rwy 02 has powerline at 730'; 150' trees at 1536'. Rwy 20 80' trees at 585'. Rwy 02 NSTD VASI one flashing/steady light on right side of rwy. Rwy 20 NSTD VASI one flashing/steady light on left side of rwy. Parallel twy west of rwy—grass.

COMMUNICATIONS: CTAF 122.9**ILLINOIS VALLEY**

(See CAVE JUNCTION)

IMNAHA**MEMALOOSE**

(25U) 10 SE UTC-8(-7DT) N45°25.66' W116°41.63'

GREAT FALLS

6708 NOTAM FILE MMV

RWY 17-35: 3300X120 (DIRT)

RWY 17: Rgt tfc. RWY 35: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. CLOSED winters. Livestock and wildlife on and in/ovf arpt. No line of sight between rwy ends. Early Spring: damp soft spot on North end of rwy; land long to South. Rwy 35 expect downdrafts on short final due to sheer drop in terrain. Rwy 17-35 outlined with rocks painted white. Rwy 17-35 loose 3 inch-6 inch rocks on rwy; rwy poorly defined. South 1000' rough and overgrown with weeds. Rwy 35 thld marked by white rocks across rwy end.

COMMUNICATIONS: CTAF 122.9

INDEPENDENCE STATE (7S5) 1 NW UTC-8(-7DT) N44°52.02' W123°11.89'

SEATTLE

180 B FUEL 80, 100LL TPA-1180(1000) NOTAM FILE MMV

L-1B

RWY 16-34: H3142X60 (ASPH) S-12.5 MIRL

RWY 16: PAPI(P4R)—GA 3.0° TCH 40'. P-line.

RWY 34: PAPI(P4L)—GA 3.0° TCH 40'. Thld dsplcd 140'. Road.

AIRPORT REMARKS: Attended daylight hours. Ultralight acft on and invof

arpt. Migratory flocks of waterfowl on and invof arpt. ACTIVATE

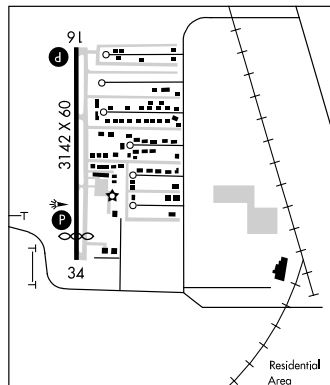
MIRL Rwy 16-34, PAPI Rwy 16 and Rwy 34—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19'

W122°58.69' 177° 30.6 NM to fld. 1440/21E. HIWAS.



JOHN DAY

GRANT CO RGNL/OGILVIE FLD (GCD) 1 SW UTC-8(-7DT) N44°24.17' W118°58.07'

KLAMATH FALLS

3703 B FUEL 100LL, JET A NOTAM FILE GCD

H-1B, L-13A

RWY 17-35: H5220X60 (ASPH) S-12.5 MIRL 0.5% up S

IAP

RWY 17: REIL. PAPI(P4R)—GA 4.0° TCH 52'.

RWY 09-27: H4471X60 (ASPH) S-12.5 LIRL 1.3% up E

RWY 27: Rgt tfc.

AIRPORT REMARKS: Attended Oct-May 1600-0000Z, Jun-Sep Mon-Fri

1500-0300Z. Self service fuel available after hours. Extensive

helicopter activity during fire season Jul-Oct. Rwy 27 and Rwy 35

hold lines are marked in white outline only. Be aware of soft

edges along rwys and twys. 8 foot game fence around arpt. Rwy

17-35 basic markings, plus aiming point marks. Twy lines and

Rwy 17-35 centerline markings incomplete, Rwy 27 relocated thld

and Rwy 27 not marked. Twy marked with reflectors. ACTIVATE

LIRL Rwy 09-27, MIRL Rwy 17-35, REIL Rwy 17 and PAPI Rwy

17—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.375 (541) 575-1122.

COMMUNICATIONS: CTAF/UNICOM 122.8

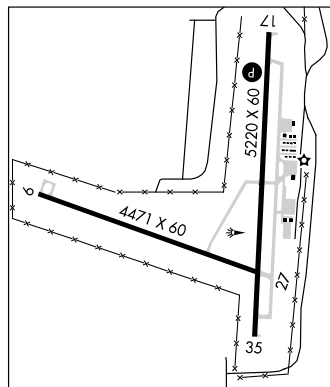
SEATTLE CENTER APP/DEP CON 128.15.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

KIMBERLY (H) VORTACW 115.6 IMB Chan 103 N44°38.90'

W119°42.70' 095° 35.2 NM to fld. 5220/20E. HIWAS.

COMM/NAV/WEATHER REMARKS: CLNC DEL thru Flight Services 1-800-WX-BRIEF.



JOSEPH STATE (4S3) 1 W UTC-8(-7DT) N45°21.57' W117°15.23'

SEATTLE

4121 B FUEL 100LL TPA-5121(1000) NOTAM FILE MMV

H-1C, L-13B

RWY 15-33: H5200X60 (ASPH) S-12.5 MIRL

RWY 15: REIL. PAPI(P2L)-GA 4.0° TCH 43'. Trees.

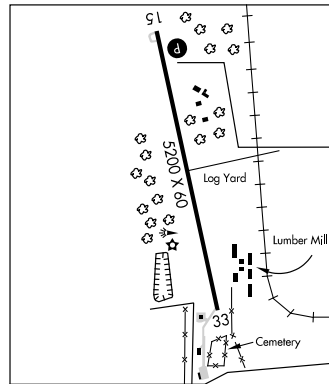
RWY 33: P-line.

AIRPORT REMARKS: Unattended. Use extreme CAUTION during South tkfs due to possible hazardous downdrafts south of arpt under south wind conditions. Deer on arpt all hours. P-lines near Rwy 33 AER unmarked. Unicom unattended. ACTIVATE MIRL Rwy 15-33, PAPI and REIL Rwy 15-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.

DONNELLY (H) VORTACW 116.2 DNJ Chan 109 N44°46.03' W116°12.38' 290° 57.0 NM to fld. 7333/19E.



KARPEN N46°08.37' W123°35.24'. NOTAM FILE AST.

SEATTLE

NDB (MHW) 201 PEN 255° 12.2 NM to Astoria Rgnl. NDB unmonitored.

L-1C

KEN JERNSTEDT AIRFIELD (See HOOD RIVER)

KIMBERLY N44°38.90' W119°42.70'. NOTAM FILE MMV.

SEATTLE

(H) VORTACW 115.6 IMB Chan 103 094° 35.3 NM to Grant Co Rgnl/Ogilvie fld. 5220/20E.

H-1B, L-13A

HIWAS.

RCO 122.6 (MC MINNVILLE RADIO)

KLAMATH FALLS (LMT) 4 SE UTC-8(-7DT) N42°09.37' W121°43.99'

KLAMATH FALLS

4095 B S4 FUEL 100LL, JET A OX 1, 3 Class I, ARFF Index A NOTAM FILE LMT

H-3B, L-2I

RWY 14-32: H10301X150 (ASPH-CONC) S-110, D-145, ST-175, DT-230 HIRL

IAP, AD

RWY 14: MALSF. VASI(V4L)—GA 3.0° TCH 50'. Tree.

RWY 32: MALSR. VASI(V4L)—GA 3.0° TCH 50'.

RWY 07-25: H5258X100 (ASPH-GRVD) S-38, D-52, DT-87
MIRL

RWY 07: Thld displcd 307'. Railroad.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Thld displcd 514'.
Fence.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5260 TODA-5260 ASDA-4746 LDA-4439

RWY 25: TORA-5260 TODA-5260 ASDA-4953 LDA-4439

ARRESTING GEAR/SYSTEM

RWY 14 ← HOOK BAK-12B(B) (1500')

HOOK BAK-12B(B) (1500') → **RWY 32**

AIRPORT REMARKS: Attended 1500-0600Z†. For services after hours
call fixed base operator at 541-882-4681. Flocks of large
migratory waterfowl in vicinity Nov-May. When twr closed
ACTIVATE MALSF Rwy 14, MALSR Rwy 32, HIRL Rwy 14-32 and
MIRL Rwy 07-25 and twy lgts—CTAF. Rwy lgts have a 30 second
warm up delay.

WEATHER DATA SOURCES: ASOS (541) 883-8127. HIWAS 115.9 LMT.

COMMUNICATIONS: CTAF 133.975 ATIS 126.5 UNICOM 122.95

RCO 122.6 (MC MINNVILLE RADIO)

® **KINGSLEY APP/DEP CON** 123.675 (Mon-Fri 1600-0000Z† exc weekends and holidays), other times ctc

® **SEATTLE CENTER APP/DEP CON** 127.6

TOWER 133.975 (1500-0600Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1500-0600Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LMT.

(H) **VORTACW** 115.9 LMT Chan 106 N42°09.19' W121°43.65' at fld. 4087/17E. HIWAS.

VOR portion unusable:

050°-060° byd 30 NM blo 12,000'

060°-120° byd 25 NM blo 12,000'

170°-195° byd 20 NM

210°-245° byd 25 NM blo 12,000'

270°-280° byd 20 NM

320°-050° byd 23 NM blo 12,000'

320°-050° byd 30 NM

DME portion unusable:

105°-125° byd 7 NM blo 12,000'

153°-195° byd 20 NM blo 11,000'

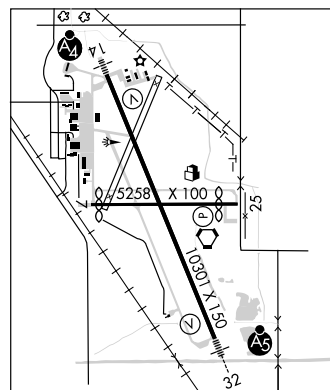
210°-305° byd 25 NM blo 10,500'

320°-105° byd 13 NM blo 13,000'

320°-125° byd 20 NM

MERRILL NDB (MHW) 347 LFA N41°59.11' W121°38.57' 322° 11.0 NM to fld.

ILS 109.5 I-LMT Rwy 32.



LA GRANDE/UNION COUNTY (LGD) 4 SE UTC-8(-7DT) N45°17.41' W118°00.43'

SEATTLE

2717 B S4 FUEL 100LL, JET A NOTAM FILE LGD Not insp.

H-1C, L-13A

RWY 12-30: H5600X100 (ASPH) S-65, D-90, ST-114, DT-130 MIRL

IAP

RWY 12: PAPI(P2L). Road.

RWY 30: REIL. PAPI(P2L)—GA 3.0°.

RWY 16-34: H3876X60 (ASPH) S-45, D-60, DT-100

RWY 16: PAPI(P4L)—GA 3.0° TCH 35'. Thld displcd 486'. Road.

AIRPORT REMARKS: Attended Dec-Mar 1600-0200Z†, Apr-Nov 1500-0300Z†. For attendant 24 hours call 541-963-6714. Extensive Forest Service opr during summer months. Landing fee for aircraft over 12,500 pounds. Rwy 16-34 marked with reflectors. Twys marked with blue reflectors.

WEATHER DATA SOURCES: AWOS-3 135.075 (541) 963-6824.**COMMUNICATIONS:** CTAF/UNICOM 122.8

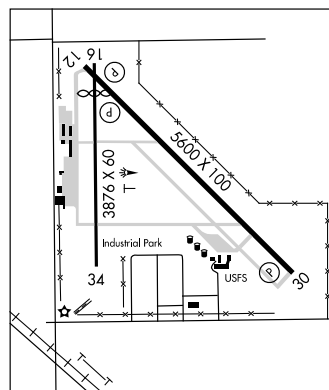
RCO 122.5 (MC MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 132.6

RADIO AIDS TO NAVIGATION: NOTAM FILE BKE.

BAKER CITY (H) VORW/DME 115.3 BKE Chan 100 N44°50.44' W117°48.47' 323° 28.3 NM to fld. 3360/20E.

NDB (MHW) 296 LGD N45°20.55' W117°57.76' 194° 3.7 NM to fld. NOTAM FILE LGD. Unusable 160°-190° beyond 15 NM and 290°-315° beyond 15 NM.

**LAKE BILLY CHINOOK STATE** (See CULVER)**LAKE CO** (See LAKEVIEW)**LAKER** N45°32.46' W122°27.74'. NOTAM FILE PDX.

SEATTLE

NDB (MHW) 332 LBH 277° 6.4 NM to Portland Intl.

L-1C

LAKESIDE STATE (9S3) 0 NW UTC-8(-7DT) N43°34.99' W124°10.82'

KLAMATH FALLS

20 TPA-1020(1000) NOTAM FILE MMV

RWY 15-33: 2150X100 (TURF)

RWY 15: Trees

RWY 33: Trees

AIRPORT REMARKS: Unattended. Rwy 15-33 rwy ends marked with white mats.**COMMUNICATIONS:** CTAF 122.9**LAKEVIEW** N42°29.57' W120°30.43' NOTAM FILE LKV.

KLAMATH FALLS

(H) VORTACW 112.0 LKV Chan 57 147° 20.5 NM to Lake Co. 7460/19E. HIWAS.

H-38, L-11A

RCO 122.3 (MC MINNVILLE RADIO)

LAKEVIEW**LAKE CO** (LKV) 3 SW UTC-8(-7DT) N42°09.67' W120°23.95'

KLAMATH FALLS

4733 B FUEL 100LL, JET A TPA-5733(1000) NOTAM FILE LKV

H-38, L-11A

RWY 16-34: H5306X100 (ASPH) S-74, D-86, ST-109 MIRL

IAP

RWY 16: VASI(V4L)—GA 3.0° TCH 55'.

RWY 34: REIL. VASI(V4R)—GA 3.0° TCH 55'.

AIRPORT REMARKS: Attended Apr-Sep 1700-0000Z†, Oct-Mar 1500-0100Z†. Flocks of large waterfowl in vicinity Nov-May. Extensive airtanker ops in fire season. Possible glider ops on twy. Twy NE-SW used for strong cross wind ldg. ACTIVATE MIRL Rwy 16-34, VASI Rwy 16 and Rwy 34 and REIL Rwy 34—CTAF.

WEATHER DATA SOURCES: AWOS-3 135.525 (541) 947-5069.

HIWAS 112.0 LKV.

COMMUNICATIONS: CTAF/UNICOM 122.8

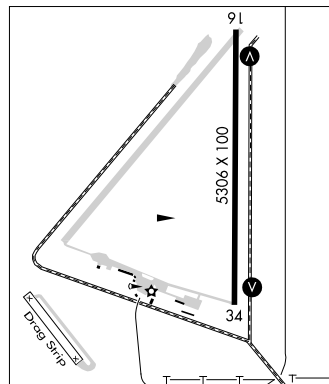
LAKEVIEW RCO 122.3 (MC MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.

LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57' W120°30.43' 147° 20.5 NM to fld. 7460/19E.

HIWAS.



LAKE WOAHIK SPB (See FLORENCE)**LEBANON STATE** (S30) 1 SW UTC-8(-7DT) N44°31.79' W122°55.77'

SEATTLE

344 B FUEL 100LL, MOGAS TPA-1344(1000) NOTAM STATE MMV.

RWY 16-34: H2877X50 (ASPH) MIRL

RWY 16: PAPI(P2L)—GA 3.0°TCH 40'. Tree. RWY 34: PAPI(P2L)—GA 3.5°TCH 40'. Thld dspcd 387'. Brush.

AIRPORT REMARKS: Attended continuously. Acft departing Rwy 34 make 10° left turn after takeoff as soon as safety permits. Rwy 16-34 twy markings NSTD, marked with reflectors.**COMMUNICATIONS:** CTAF/UNICOM 122.8**LENHARDT AIRPARK** (See HUBBARD)**LEWISBURG** N44°36.82' W123°16.24'. NOTAM FILE CVO.

KLAMATH FALLS

NDB (MHW) 225 LWG 169° 7.0 NM to Corvallis Muni.

L-1B

LEXINGTON (9S9) 1 N UTC-8(-7DT) N45°27.25' W119°41.42'

SEATTLE

1634 B FUEL 100LL TPA-2634(1000) NOTAM FILE MMV

L-13A

RWY 08-26: H4155X75 (ASPH) S-12.5 MIRL 1.3% up E

IAP

RWY 08: VASI(V2L)—GA 3.0° TCH 44'. Fence.

RWY 26: VASI(V2L)—GA 3.5° TCH 59'.

AIRPORT REMARKS: Unattended. Fuel 24 hours credit card svc avbl. Rwy

08-26 200' gravel E end. ACTIVATE MIRL Rwy 08-26—CTAF.

WEATHER DATA SOURCES: AWOS-3 134.475 (541) 989-8557.**COMMUNICATIONS:** CTAF 122.9

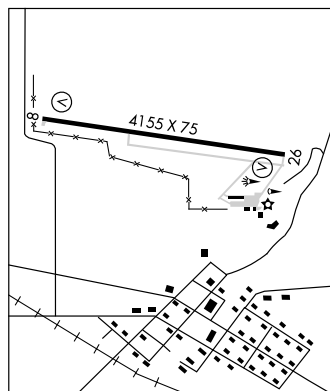
Ⓡ SEATTLE CENTER APP/DEP CON 132.6

RADIO AIDS TO NAVIGATION: NOTAM FILE PDT.

PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45°41.91'

W118°56.32' 225° 34.9 NM to fld. 1559/20E.

HIWAS.

**MADRAS MUNI CITY-CO** (S33) 3 NW UTC-8(-7DT) N44°40.21' W121°09.31'

SEATTLE

2437 B S4 FUEL 100LL, JET A OX 3, 4 NOTAM FILE MMV

H-1B, L-13A

RWY 16-34: H5089X75 (ASPH) S-75, D-120, DT-180 MIRL

IAP

RWY 34: VASI(V4L)—GA 3.0°.

RWY 04-22: H2701X50 (ASPH) S-16 0.3% up NE

RWY 04: P-line. RWY 22: Road.

AIRPORT REMARKS: Attended Nov-Apr 1600-0100Z†, May-Oct 1600-0200Z†. Rwy 04-22 marked with white reflectors. Rwy 16-34 blue reflectors on twys. ACTIVATE MIRL Rwy 16-34 and VASI Rwy 34—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SEATTLE CENTER APP/DEP CON 128.15

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17' W121°18.21' 356° 25.8 NM to fld. 4101/18E. HIWAS.

MAHLON SWEET FLD (See EUGENE)**MALIN** (4S7) 1 SE UTC-8(-7DT) N42°00.06' W121°23.78'

KLAMATH FALLS

4052 NOTAM FILE MMV

RWY 14-32: 2800X30 (ASPH-GRVL)

RWY 14: P-line. RWY 32: Road.

AIRPORT REMARKS: Unattended. Rwy 14-32 has weed growth along rwy edges and around NW end. Rwy 14-32 weeds growing on rwy; asph portion cracked with weeds growing through. Rwy 14 NW 305' ASPH.**COMMUNICATIONS:** CTAF 122.9

MANZANITA**NEHALEM BAY STATE** (3S7) 2 S UTC-8(-7DT) N45°41.89' W123°55.79'

SEATTLE

22 TPA-1022(1000) NOTAM FILE MMV

RWY 15-33: H2350X50 (ASPH)

RWY 15: Trees

RWY 33: Deer and water fowl invof arpt. Unpaved twy and ramp.

AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

MC DERMITT STATE (26U) 0 W UTC-8(-7DT) N42°00.13' W117°43.39'

KLAMATH FALLS

4478 B TPA-5478(1000) NOTAM FILE MMV

H-3C, L-11B

RWY 16-34: H5900X60 (ASPH) S-12.5 LIRL

AIRPORT REMARKS: Unattended. P-lines South and East. Vegetation growing in primary sfc.

COMMUNICATIONS: CTAF 122.9

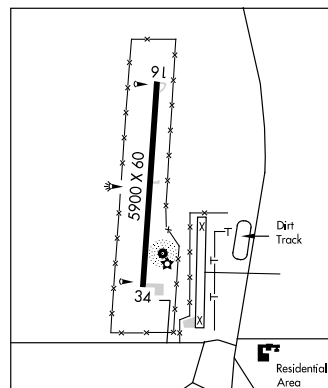
RADIO AIDS TO NAVIGATION: NOTAM FILE REO.

ROME (H) VORTACW 112.5 REO Chan 72 N42°35.43'

W117°52.09' 151° 35.9 NM to fld. 4050/19E.

NDB (MHW) 204 RMD N42°00.69' W117°43.26' at fld.

NOTAM FILE MMV. VFR only.

**MC KENZIE BRIDGE STATE** (ØØS) 3 E UTC-8(-7DT) N44°10.99' W122°05.32'

KLAMATH FALLS

1620 TPA-2620(1000) NOTAM FILE MMV

RWY 06-24: 2600X90 (TURF)

RWY 06: Trees.

RWY 24: Trees.

AIRPORT REMARKS: Unattended. Wildlife on and around arpt year round. Owner advises ctc with Oregon Dept of Aviation 503-378-4880 prior to use. Irregular winter maintenance, arpt may be clsd due to snow. Rwy 6-24 slopes up to the east. Rwy 06-24 rough with numerous dips and ruts particularly on the east half. Land east-tkf west. Rwy 06 thld marked with white mats. Rwy edges marked with white panel markers.

COMMUNICATIONS: CTAF 122.9

MC MINNVILLE MUNI (MMV) 3 SE UTC-8(-7DT) N45°11.67' W123°08.16'

163 B S4 FUEL 100LL, JET A OX 1 NOTAM FILE MMV

RWY 04-22: H5420X150 (ASPH) S-40, D-50, DT-80 HIRL

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 22: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 17-35: H4676X150 (ASPH) S-40, D-50, DT-80

RWY 17: Tree.

AIRPORT REMARKS: Attended 1600Z±-dusk. Fuel 24 hour credit card svc avbl. For fuel dusk-dawn contact fixed-base operator 503-472-0558. Military helicopter and parachute ops in area. Scheduled by notam. High pressure bulk oxygen avbl Mon-Sat. Glider ops Rwy 17-35 and within 8 NM blo 8000' during dalgt hours Feb-Nov. Evergreen Intl Aviation may be contacted on frequency 122.75. ACTIVATE MALSR Rwy 22, REIL Rwy 04, and HIRL Rwy 04-22—CTAF.

WEATHER DATA SOURCES: ASOS 135.675 (503) 434-9153.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.45 (MC MINNVILLE RADIO)

® PORTLAND APP/DEP CON 126.0 (North)

SEATTLE CENTER APP/DEP CON 125.8 (South)

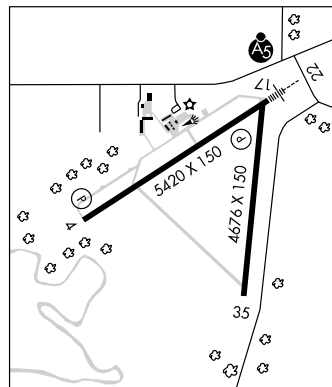
CLNC DEL 118.35

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19' W122°58.69' 194° 11.6 NM to fld. 1440/21E.

HIWAS.

ILS 110.9 I-MMV Rwy 22. Class 1A.



SEATTLE

H-1A, L-1B

IAP

MCNARY FLD (See SALEM)

MEDFORD N42°23.50' W122°52.73' NOTAM FILE MFR.

KLAMATH FALLS

NDB (MHW) 356 MEF 148° 1.1 NM to fld. LOM unusable 220°-240° beyond 15 NM.

L-2I

RCO 122.65 (MC MINNVILLE RADIO)

MEDFORD**ROGUE VALLEY INTL-MEDFORD** (MFR) 3 N UTC-8(-7DT) N42°22.45' W122°52.41'**KLAMATH FALLS**1335 B S4 **FUEL** 100LL, JET A OX 1, 3 TPA—See Remarks

H-3A, L-21

Class I, ARFF Index B NOTAM FILE MFR

IAP, AD

RWY 14-32: H8800X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400 HIRL CL**RWY 14:** MALSR, TDZL, PAPI(P4L)—GA 3.0 TCH 73' 0.4% up.**RWY 32:** REIL, VASI(V4L)—GA 3.0° TCH 49' 0.5% down.**RWY 09-27:** H3136X100 (ASPH) S-63, D-70, ST-89, DT-105 MIRL(NSTD) 0.4% up E

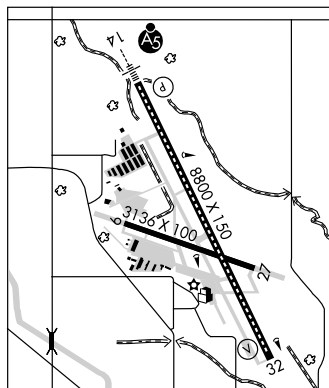
AIRPORT REMARKS: Attended 1300-0800Z+. For fuel after hrs call 541-779-5451, or 541-842-2254. Bird hazard large flocks of migratory waterfowl in vicinity Nov-May. Rwy 09-27 CLOSED to acft over 12,500 lbs GWT. PPR for unscheduled ops with more than 30 passenger seats, call arpt operations 541-776-7228. Rwy 32 preferred for tkfs and landings when twr clsd. Twy B/B-1 not visible from twr between twy B-2 and AER 9. TPA—2304(969) for propeller acft; 2804(1469) for turbo acft. Rwy 09-27 NSTD MIRL first 10' of Rwy 09 unlgt and first 9' of Rwy 27 unlgt, 3136 lgt. ACTIVATE HIRL Rwy 14-32, MALSR Rwy 14, REIL Rwy 32, TDZL Rwy 14, centerline lgts Rwy 14 and Rwy 32, and twy lgts—CTAF. PAPI Rwy 14 and VASI Rwy 32 on continuously. U.S. Customs user fee arpt. Ldg fee applies to all corporate acft and all other acft with weight exceeding 12,500 lbs.

WEATHER DATA SOURCES: ASOS (541) 776-1238. HIWAS 113.6 OED.**COMMUNICATIONS:** CTAF 119.4 ATIS 127.25 UNICOM 122.95**MEDFORD RCO** 122.65 (MC MINNVILLE RADIO)

Ⓡ **CASCADE APP/DEP CON** 124.3 (1400-0700Z+)
SEATTLE CENTER APP/DEP CON 124.85 (0700-1400Z+)

MEDFORD TOWER 119.4 (1400-0500Z+) **GND CON** 121.8**AIRSPACE:** CLASS D svc 1400-0500Z+ other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MFR.(H) **VORTACW** 113.6 OED Chan 83 N42°28.78' W122°54.77' 145° 6.6 NM to fld. 2083/19E. **HIWAS.****MEDFORD NDB (MHW)** 356 MEF N42°23.50' W122°52.73' 148° 1.1 NM to fld.**PUMIE NDB (LOM)** 373 MF N42°27.06' W122°54.80' 140° 4.9 NM to fld. LOM unusable 260°-270° beyond 10 NM

ILS/DME 110.3 I-MFR Chan 40 Rwy 14. Class IA. LOM **PUMIE NDB.** ILS unmonitored when tower closed. Localizer unusable inside threshold. LOC Back Course unusable byd 11 NM blo 7000', byd 13 NM blo 8300', byd 17 NM blo 8700'. LOC Back Course unusable byd 20° left of course.

**MEMALOOSE** (See IMNAHA)**MERRILL** N41°59.11' W121°38.57'. NOTAM FILE LMT.**KLAMATH FALLS****NDB (MHW)** 347 LFA 322° 11.0 NM to Klamath Falls.

L-21

MILLER MEMORIAL AIRPARK (See VALE)**MONUMENT MUNI** (12S) 1 NW UTC-8(-7DT) N44°49.91' W119°25.82'**SEATTLE**

2323 TPA—3323(1000) NOTAM FILE MMV

RWY 14-32: 2104X29 (GRVL-TRTD)**RWY 14:** Hill.

AIRPORT REMARKS: Unattended. Intermittently CLOSED winters due to snow. Rwy 14 rwy ends marked at each corner by a single white tire.

COMMUNICATIONS: CTAF 122.9

MYRTLE CREEK MUNI (16S) 2 SW UTC-8(-7DT) N42°59.84' W123°18.92'

KLAMATH FALLS

619 B TPA-1600(981) NOTAM FILE MMV

RWY 03-21: H2600X60 (ASPH) S-12 MIRL

RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 41'. Tree. Rgt tfc.

RWY 21: Tree.

AIRPORT REMARKS: Unattended. Terrain rises to 2200' MSL within 2 miles on each side of rwy. ACTIVATE MIRL Rlys 03-21, REIL Rwy 03 and PAPI Rwy 03—CTAF. UNICOM unmonitored indef.

COMMUNICATIONS: CTAF/UNICOM 122.7

NEHALEM BAY STATE (See MANZANITA)

NEWBERG N45°21.19' W122°58.69'. NOTAM FILE MMV.

SEATTLE

(H) VORW/DME 117.4 UBG Chan 121 105° 10.9 NM to Aurora State. 1440/21E. HIWAS.

H-1B, L-1B

RCO 122.45 (MC MINNVILLE RADIO)

NEWBERG

CHEHALEM AIRPARK (17S) 4 N UTC-8(-7DT) N45°19.42' W123°03.26'

SEATTLE

190 S4 FUEL 100LL, JET A NOTAM FILE MMV

RWY 07-25: H2285X40 (ASPH) RWY LGTS(NSTD)

RWY 07: Thld dsplcd 300'. P-line. RWY 25: Tree.

AIRPORT REMARKS: Attended 1600-0200Z±. Rwy 25 has noise abatement procedures in effect for more information ctc aprt manager 503-537-0108. Rwy 07-25 NSTD basic markings, NSTD size, rwy edge strips. Rwy 07 dsplcd thld NSTD markings, NSTD size. Rwy 07-25 NSTD green thld lgts at W end only; no thld lgts on E end; 300' dsplcd thld unlgtd.

COMMUNICATIONS: CTAF 122.9

SPORTSMAN AIRPARK (2S6) 1 SE UTC-8(-7DT) N45°17.74' W122°57.32'

SEATTLE

181 S4 FUEL 100LL, JET A NOTAM FILE MMV

RWY 17-35: H2755X50 (ASPH) S-30 LIRL

RWY 17: Thld dsplcd 369'. Tree. RWY 35: Thld dsplcd 315'. Brush. Rgt tfc.

AIRPORT REMARKS: Attended dawn-dusk. Arpt lgts opr sunset-0800Z±. For LIRL Rwy 17-35 after 0800Z± phone 503-538-2134. Rwy 17-35 alligator cracks, dips, patch work in poor condition and edge cracks, needs joint sealing.

COMMUNICATIONS: CTAF 122.9

PORTLAND CLNC DEL 126.0

NEWPORT MUNI (ONP) 3 S UTC-8(-7DT) N44°34.82' W124°03.48'

SEATTLE

181 B FUEL 100LL, JET A Class IV, ARFF Index A NOTAM FILE ONP

H-1A, L-1B

RWY 16-34: H5398X150 (ASPH) S-75, D-120, ST-152, DT-170 HIRL

IAP

RWY 16: MALSR. VASI(V4R)—GA 3.0° TCH 50'. Rgt tfc.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 300'.

RWY 02-20: H3001X75 (ASPH) S-33, D-50, DT-84

MIRL 1.0% up NE

RWY 02: Ground.

RWY 20: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3001 TODA-3001 ASDA-3001 LDA-3001

RWY 16: TORA-5398 TODA-5398 ASDA-5398 LDA-5398

RWY 20: TORA-3001 TODA-3001 ASDA-3001 LDA-3001

RWY 34: TORA-5398 TODA-5398 ASDA-5398 LDA-5398

AIRPORT REMARKS: Attended 1600-0100Z±. For fuel after hours call 541-867-3655 or 541-961-9725. Deer and coyotes on and invof rlys and twys. Birds invof arpt during Apr and Oct. PPR for air carrier ops with more than 30 passenger seats, call arpt manager 541-867-7422. ACTIVATE MALSR Rwy 16, MIRL Rwy 02-20, HIRL Rwy 16-34, and REIL Rwy 34—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.9 (541)-867-4175.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.5 (MC MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 125.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ONP.

(H) VORTACW 117.1 ONP Chan 118 N44°34.52'

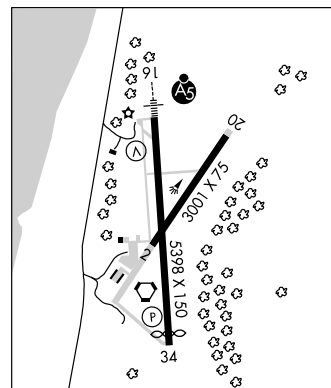
W124°03.64' at fld. 150/19E.

VORTAC unusable:

342°-007° byd 35 NM blo 5,000'

007°-047° byd 35 NM blo 6,000'

057°-112° byd 35 NM blo 7,000'



112°-132° byd 35 NM blo 8,000'

132°-162° byd 35 NM blo 5,000'

AGGET NDB (LOM) 350 ON N44°40.56' W124°03.92' 158° 5.8 NM to fld. Unusable 360°-150°

ILS 111.5 I-ONP Rwy 16. LOM AGGET NDB. LOM unusable 360°-150°

NORTH BEND N43°24.93' W124°10.11' NOTAM FILE OTH

KLAMATH FALLS

(L) VORTACW 112.1 OTH Chan 58 253° 3.4 NM to Southwest Oregon Rgnl. 707/18E. HIWAS.

L-1A

VORTAC unusable:

012°-087° byd 30 NM blo 5000'.

RCO 122.4 (MC MINNVILLE RADIO)

NORTH BEND**SOUTHWEST OREGON RGNL** (OTH) 1 NW UTC-8(-7DT) N43°25.02' W124°14.82'

KLAMATH FALLS

17 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE OTH

H-1A, L-1A

RWY 04-22: H5980X150 (ASPH-PFC-GRVD) S-106, D-113, ST-143, DT-190 HIRL

IAP, AD

RWY 04: MALSR, VASI (V4R)—GA 3.0° TCH 38'. Boat.

RWY 22: Thld dspcd 660'. Ship.

RWY 13-31: H4470X150 (ASPH-GRVD) S-90, D-100, ST-127, DT-100 MIRL

RWY 13: REIL. Ship.

RWY 31: REIL. PAPI(P4L)—GA 4.0° TCH 50'. Road. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5321 TODA-5321 ASDA-5321 LDA-5321

RWY 22: TORA-6000 TODA-6000 ASDA-6000 LDA-5321

AIRPORT REMARKS: Attended 1000-0600Z±. Services avbl

1600-0100Z±, for services after hours call 541-756-7272.

Migratory flocks of waterfowl on and in vicinity of arpt. PAEW invof

rwys and twys 1530-2330Z±. Ship channel crosses Rwy 04

approximately 2/3 mile from thld, crosses Rwy 13 and Rwy 22

approximately 1000' to 1700' from thld, mast heights to 140'.

Landing fee. Non-commercial landing fee for all acft over 12,500

lbs. ACTIVATE MALSR Rwy 04-CTAF. HIRL Rwy 04-22 and MIRL

Rwy 13-31 opr continuously at night.

WEATHER DATA SOURCES: AWOS-3 135.075 (541) 756-0135.

HIWAS 112.1 OTH.

COMMUNICATIONS: CTAF 118.45

NORTH BEND RCO 122.4 (Mc MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 121.4

NORTH BEND TOWER 118.45 (1500-0500Z±) GND 127.1

AIRSPACE: CLASS D svc 1500-2500Z± other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE OTH.

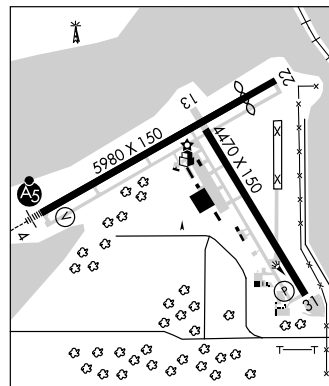
NORTH BEND (L) VORTACW 112.1 OTH Chan 58 N43°24.93' W124°10.11' 253° 3.4 NM to fld. 707/18E.

HIWAS.

EMIRE NDB (LOM) 378 OT N43°23.67' W124°18.62' 046° 3.1 NM to fld.

NDB unusable 360°-165° byd 10 NM.

ILS 108.5 I-OTH Rwy 04. LOM EMIRE NDB.

**OAKRIDGE STATE** (5SØ) 1 W UTC-8(-7DT) N43°45.16' W122°30.15'

KLAMATH FALLS

1393 TPA-2393(1000) NOTAM FILE MMV

L-1A

RWY 09-27: H3610X47 (ASPH)

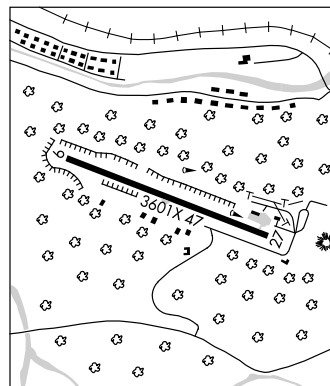
RWY 09: Trees.

RWY 27: Road.

AIRPORT REMARKS: Unattended. Irregular winter maintenance, arpt may be clsd by snow. US Forest Service helicopters active in vicinity of arpt during fire season. Deer and elk on and invof arpt.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE EUG.

EUGENE (H) VORTACW 112.9 EUG Chan 76 N44°07.25'

W123°13.37' 105° 38.3 NM to fld. 364/20E. HIWAS.



ONTARIO MUNI (ONO) 3 W UTC-7(-6DT) N44°01.16' W117°00.78'

KLAMATH FALLS

2193 B S4 FUEL 100LL, JET A NOTAM FILE ONO

H-1C, L-11B

RWY 14-32: H5011X100 (ASPH) S-30 D-50 MRL

IAP

RWY 14: Road.

RWY 32: REIL. PAPI(P2L). Berm.

AIRPORT REMARKS: Attended 1500-0000Z+. Self serve card lock fuel avbl 24 hrs. Twy marked with blue reflectors. ACTIVATE MRL Rwy 14-32 and REIL Rwy 32—CTAF. PAPI Rwy 32 OPR continuously.

WEATHER DATA SOURCES: ASOS 135.275 (541) 889-7388.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **SALT LAKE CENTER APP/DEP CON** 128.05

RCO 122.3 (MC MINNVILLE RADIO)

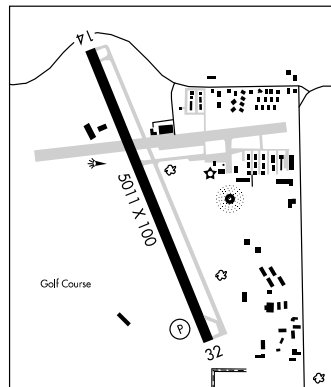
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17'

W116°11.53' 291° 45.3 NM to fld. 2876/17E.

NDB (MHW) 305 ONO N44°01.18' W117°00.50' at fld.

NOTAM FILE ONO.



OWYHEE RESERVOIR STATE (28U) 25 SW UTC-8(-7DT) N43°25.49' W117°20.73'

KLAMATH FALLS

2680 TPA—3680(1000) NOTAM FILE MMV

RWY 13-31: 1840X30 (DIRT)

AIRPORT REMARKS: Unattended. Rwy 13-31 sfc rough, loose rocks, soft when wet, subject to washouts. Owner advises ctc with State Department of Aviation 503-378-4880 prior to use. Remote airport, no ground access. Arpt in canyon, surrounded by high terrain.

COMMUNICATIONS: CTAF 122.9

PACIFIC CITY STATE (PFC) 1 S UTC-8(-7DT) N45°11.99' W123°57.74'

SEATTLE

5 TPA—1005(1000) NOTAM FILE MMV

RWY 14-32: H1875X30 (ASPH) S-7

RWY 14: Thld dspcd 300'. P-line. RWY 32: Trees.

AIRPORT REMARKS: Unattended. Rwy may be under water during winter high tides. Occasional driftwood on rwy due to flooding. Owner advises ctc with Department of Aviation 503-378-4880 prior to use. Ramp in poor condition.

Rwy 14-32 NSTD basic markings, markings NSTD size/placement and rwy edge markings.

COMMUNICATIONS: CTAF 122.9

PAISLEY (22S) 3 NW UTC-8(-7DT) N42°43.08' W120°33.77'

KLAMATH FALLS

4395 B TPA—5395(1000) NOTAM FILE MMV

L-11A

RWY 13-31: H4300X60 (ASPH) LIRL

AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57' W120°30.43' 331° 13.7 NM to fld. 7460/19E.

HIWAS.

PENDLETON N45°41.91' W118°56.32' NOTAM FILE PDT.

SEATTLE

(H) **VORTACW** 114.7 PDT Chan 94 073° 4.1 NM to Eastern Oregon Rgnl at Pendleton.

H-1B, L-13A

1559/20E. HIWAS.

RCO 122.2 (MC MINNVILLE RADIO)

PENDLETON**EASTERN OREGON RGNL AT PENDLETON**

(PDT) 3 NW UTC-8(-7DT) N45°41.70' W118°50.49'

SEATTLE

1497 B S4 FUEL 100LL, JET A1 +, MOGAS Class I, ARFF Index A NOTAM FILE PDT

H-1B, L-13A

RWY 07-25: H6301X150 (ASPH-PFC) S-115, D-132, ST-167, DT-210 HIRL

IAP, AD

RWY 07: ODALS. VASI(V4R)—GA 3.0° TCH 47'. Ground.

RWY 25: MALSR. PAPI(V4L)—GA 3.0° TCH 55'.

RWY 11-29: H5581X100 (ASPH-GRVD) S-70, D-120, ST-152, DT-122 MIRL

RWY 11: REIL. PAPI(V4L)—GA 3.0° TCH 47'. Ground.

RWY 29: REIL. PAPI(V4L)—GA 3.0° TCH 35'. Thld displcd 456'.

RWY 16-34: H4341X60 (ASPH) S-20 0.8% up SE

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-5581 TODA-5581 ASDA-5581 LDA-5581

RWY 16: TORA-4341 TODA-4341 ASDA-4341 LDA-4341

RWY 29: TORA-5581 TODA-5581 ASDA-5581 LDA-5125

RWY 34: TORA-4341 TODA-4341 ASDA-4341 LDA-4341

AIRPORT REMARKS: Attended 1400-0400Z†. Services available from FBO between 0400-1400Z† by phone call 541-276-3313/3373.

Self fuel avbl 24 hrs. CLOSED to unscheduled air carrier ops with more than 30 passenger seats except PPR 24 hrs call

541-276-4411. Deer on and invof arpt Apr and Aug especially

mornings and evenings. Twy B clsd south of Twy A. Pilots shall

exercise extreme caution at intersection of ramp and Rwy 29

north end of terminal building area obstructed from view of tower by terminal building. ACTIVATE MALSR Rwy 25,

ODALS Rwy 07, HIRL Rwy 07-25, MIRL Rwy 11-29, REIL Rwy 11 and Rwy 29, when twr clsd—CTAF. Rwy 25

touchdown runway visual range avbl.

WEATHER DATA SOURCES: ASOS 118.325 (541) 278-2329. HIWAS 114.7 PDT.**COMMUNICATIONS:** CTAF 119.7 UNICOM 122.95

PENDLETON RCO 122.2 (MC MINNVILLE RADIO)

Ⓡ CHINOOK APP/DEP CON 133.15 (1400-0600Z†).

Ⓡ SEATTLE CENTER APP/DEP CON 132.6 (0600-1400Z†)

PENDLETON TOWER 119.7 (1400-0400Z†). GND CON 121.9

AIRSPACE: CLASS D svc 1400-0400Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PDT.

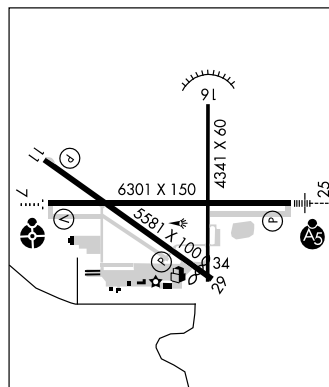
PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45°41.91' W118°56.32' 073° 4.1 NM to fld. 1559/20E.

HIWAS.

FORIS NDB (HW/LOM) 230 PD N45°41.73' W118°43.83' 250° 4.7 NM to fld. Unmonitored. NDB.

SHUTDOWN.

ILS 110.3 I-PDT Rwy 25. Class IE. LOM FORIS NDB. NDB SHUTDOWN. LOC and GS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at tower.**PINEHURST STATE** (24S) 1 SW UTC-8(-7DT) N42°06.61' W122°22.99'**KLAMATH FALLS**

3638 TPA-4638(1000) NOTAM FILE MMV Not insp.

RWY 04-22: H2800X30 (ASPH)

RWY 04: Trees. RWY 22: Trees.

AIRPORT REMARKS: Unattended. Irregular winter maintenance. Arpt may be clsd by snow. Rwy 04-22 70' trees along both sides of rwy 125' from centerline. Rwy 22 slopes up to the SW, with abrupt 4% rise on SW half of rwy.

Owner advises contact Oregon Dept. of Aviation 503-378-4880 prior to use.

COMMUNICATIONS: CTAF 122.9**PORTLAND** N45°41.92' W122°55.52'**SEATTLE**

RCO 122.6 (MC MINNVILLE RADIO)

L-1C

PORTLAND**PORTLAND DOWNTOWN HELIPORT** (61J) 00 N UTC-8(-7DT) N45°31.52' W122°40.26'

SEATTLE

78 B NOTAM FILE MMV

HELIPAD H1: H80X80 (CONC) S-25

HELIPORT REMARKS: Unattended. Parking fee if more than 30 minutes. +199' radio twr (lgtd) 4950' E of heliport in flight apch and txf 025°. Heliport H1 yellow perimeter lgts, blue centerline twy lgts to helipads. Heliport H1 single heliport with 4 flight apchs 162°/220°/248°/295°/ and txf directions 342°/040°/068°/115°. Arrow lgts for flight apch 220°/248°/295° and txf 040°/068°/115°. Landing fee.

COMMUNICATIONS: CTAF/UNICOM 123.075**PORTLAND-HILLSBORO** (HIO) 15 SW UTC-8(-7DT) N45°32.44' W122°57.01'

SEATTLE

208 B S4 FUEL 100LL, JET A OX 1, 2, 4 TPA-1208 (1000) LRA NOTAM FILE HIO

H-1B, L-1C

RWY 12-30: H6600X150 (ASPH) S-50, D-70, ST-89, DT-110 HIRL

IAP, AD

RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 49'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees. Rgt txf.

RWY 02-20: H4050X100 (ASPH) S-45, D-58, DT-90 MIRL

RWY 02: VASI(V4L)—GA 3.0° TCH 50'. Tree. Rgt txf.

RWY 20: VASI(V4L)—GA 3.0° TCH 50'. Thld displd 172'. Fence.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 12	02-20	4922

AIRPORT REMARKS: Attended 1400-0600Z†. Rwy 02-20 CLOSED to touch and go landings between 0600-1400Z†. Be alert for bird activity in vicinity Nov to May. Noise abatement procedures in effect call 503-693-1963 or 503-460-4068. Rwy 12 run-up area not visible from twr. Rwy 12 touchdown rwy visual range avbl. Commercial acft and operators of acft with an FAA certified maximum gross ldg weight that exceeds 10,000 lbs are required to pay a ldg fee. When twr clsd ACTIVATE MALSR Rwy 12—CTAF. Flight Notification Service (ADCUS) avbl, 2 hour advance notice required Mon-Sat 0100-1400Z† and 24 hrs Sun and holidays. Ldg fee.

WEATHER DATA SOURCES: ASOS (503) 640-2984.**COMMUNICATIONS:** CTAF 119.3 ATIS 127.65. UNICOM 122.95

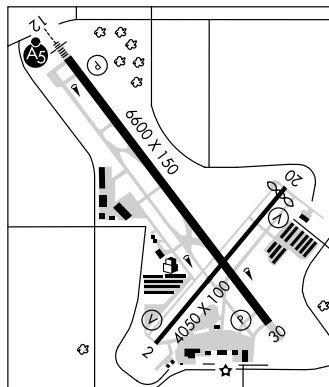
® APP/DEP CON 126.0

HILLSBORO TOWER 119.3 (1400-0600Z†). **GND CON** 121.7**AIRSPACE:** CLASS D svc 1400-0600Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19' W122°58.69' 345° 11.3 NM to fld.
1440/21E. HIWAS.

BANKS NDB (MHW) 356 PND N45°37.82' W123°02.75' 122° 6.7 NM to fld. NOTAM FILE HIO.

ILS 110.7 I-HIO Rwy 12. Class IE. ILS unmonitored when ATCT closed. Localizer unusable byd 27° each side of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

PORTLAND INTL (PDX)(KPD) CIV/MIL/AFRC/ANG 4 NE UTC-8(-7DT) N45°35.31' W122°35.85' **SEATTLE**
 31 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index E NOTAM FILE PDX **H-1B, L-1C**
RWY 10R-28L: H11000X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-360 **IAP, DIAP, AD**
 PCN 63 F/A/X/T HIRL CL

RWY 10R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 71'. Rgt tfc.

RWY 28L: MALSR. VASI(V4L)—GA 3.0° TCH 60'.

RWY 10L-28R: H8000X150 (ASPH-GRVD) S-200, D-200, ST-175,

DT-400 PCN 63 F/A/X/T HIRL CL

RWY 10L: MALSR. PAPI(P4L)—GA 3.0° TCH 60'.

RWY 28R: MALSR. PAPI(P4R)—GA 3.0° TCH 65'. Road. Rgt tfc.

RWY 03-21: H6320X150 (ASPH-GRVD) S-124, D-170, ST-175,

DT-310 PCN 34 F/A/X/T MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.3° TCH 60'.

RWY 21: REIL. PAPI(P4R)—GA 3.6° TCH 32'. Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-6320 TODA-6320 ASDA-6320 LDA-6320

RWY 10L: TORA-8000 TODA-8000 ASDA-8000 LDA-8000

RWY 10R: TORA-11000 TODA-11000 ASDA-11000 LDA-11000

RWY 21: TORA-6320 TODA-6320 ASDA-6320 LDA-6320

RWY 28L: TORA-11000 TODA-11000 ASDA-11000 LDA-11000

RWY 28R: TORA-8000 TODA-8000 ASDA-8000 LDA-8000

ARRESTING GEAR/SYSTEM

RWY 10R BAK-14 BAK-12A(B) (1625') BAK-14 BAK-12A(B) (2000')

RWY 28L

MILITARY SERVICE: A-GEAR BAK-12A(B) Rwy 10R and 28L cable raised by BAK-14 device on request to twr. Not inspected for opr capability weekend or holiday. **JASU** (AM32A-60) 4(A/M32A-86) (MC-11) 1(MA-1A)

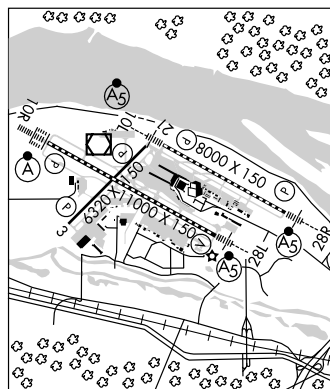
FUEL A, J8(Mil) (NC-100LL, Jet A) (Air BP—Flightcraft Inc., C603-331-4220.) **FLUID LHOXRB**

OIL O-128-133-148(Mil)

AIRPORT REMARKS: Attended continuously. Arpt CLOSED to non-powered acft except in emergencies. Migratory and wintering flocks of large waterfowl on and in vicinity of arpt. Heavy seagull activity Sep-Apr, expect high number of birds year around; check local advisories. Rwy 28R perimeter road at 200' from rwy thld and 408' right from rwy extended centerline. Ldg fee. Commercial acft and operators of acft with an FAA certified maximum gross ldg weight that exceeds 10,000 lbs are required to pay a ldg fee. Uncontrolled tfc at Pearson Field Vancouver WA, 3 NM W of Rwy 10L thld on extended centerline. Rwy 21 clsd to Height Group IV acft with cockpit to wheel height greater than 22'. Rwy 28R road in levee 480' right. Rwy 28R 19' levee located approximately parallel to rwy centerline extended at 200' from thld. Dike located approximately 408' from rwy centerline extended. Noise abatement procedures in effect call noise office, 503-460-4100. Rwy 28L arrivals are noise sensitive, expect apch to Rwy 28R with transition to Rwy 28L. Touchdown, midpoint and rollout rwy visual range avbl Rwy 10R-28L and Rwy 10L-28R. Twy T between the North Ramp and the General Aviation Ramp clsd to through tfc. Twy A3 between Twy A and the general aviation ramp clsd to acft with wingspan greater than 95'. Acft with wingspan between 79' and 95', must be towed. Twy F between Rwy 10R-28L and Twy C clsd to acft over 65,000 pounds. Twy F clsd to non-Part 139 acft with wingspan greater than 194'. Twy F clsd to Part 139 acft with wingspan greater than 108'. At the west end arm/dearm area on Twy C no acft of any type may taxi past the arm/dearm area while it is being used. Acft authorized to utilize the northwest ramp or the north ramp will be towed to/from these ramps. Area of Twy T between M and E3 not visible from tower. Twy T between exits B5 and B6 clsd to acft with wingspan of 118' and greater. Twy J clsd to acft with a wingspan greater than 171'. Acft with wingspan between 125' and 171' on Twy J must be under positive guidance by either towing or wingwalker. Twy V clsd to acft with wingspan greater than 135'. Acft with wingspan greater than 91' prohibited from turning westbound onto Twy A from Twy V unless under tow. 180° turns by acft weighing in excess of 12,500 lbs prohibited on all rwys and taxiways. Rwy 10L and Rwy 28R MALSR OTS indef. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: ANG See FLIP AP/1 for Supplementary Arpt Information. Hazardous bird conditions exist. Phase I May-Oct, Phase II Nov-Apr. Current bird watch conditions are not reported on ATIS. PPR/Official Business Only. Base ops opr 1500-2300Z daily exc holiday, DSN 638-4390, C503-335-4390. Ctc Base OPS 15 min prior to ldg and after dep on 281.2. Tran quarters not avbl.

WEATHER DATA SOURCES: ASOS (C503) 284-6771. WSP.



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COMMUNICATIONS: D-ATIS 128.35 269.9 503 493-7557.

UNICOM 122.95

- Ⓡ APP CON 124.35 299.2 (280°-099°) 118.1 (100°-279°) 284.6 (100°-279°)
 TOWER 118.7 257.8 (Rwy 10L-28R) 123.775 251.125 (Rwy 03-21 and Rwy 10R-28L)
 GND CON 121.9 132.275 348.6 CLNC DEL 120.125 318.1
 Ⓡ DEP CON 124.35 299.2 (280°-099°) 118.1 284.6 (100°-279°) 127.85 290.3
 939 ARW COMD POST 381.0 (LOGGER Con 311.0)
 ANG BASE OPS 280.5 (Portland Guard OPS) 288.9 (Guard Comd Post)

AIRSPACE: CLASS C svt ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87' W122°35.49' 161° 9.6 NM to fld.
 253/21E.

(L) VORW/DME 111.8 PDX Chan 55 N45°35.62' W122°36.38' at fld. 23/20E.

VOR/DME unusable:

001°-024°

351°-001° byd 20 NM blo 5,500'

025°-039° byd 30 NM

351°-001° byd 34 NM blo 6,500'

131°-230°

322°-351°

COLUMBIA (H) TACAN CBU (109.2) Chan 29 N45°35.32' W122°36.68' at fld. 22/20E.

LAKER NDB (MHW) 332 LBH N45°32.46' W122°27.74' 277° 6.4 NM to fld.

ILS 111.3 I-VDG Chan 50 Rwy 10L. Class IE.

ILS 110.5 I-PDX Chan 42 Rwy 10R. Class IIIE.

ILS 111.3 I-IAP Rwy 28R DME also serves Rwy 10L.

ILS/DME 108.9 I-GPO Chan 26 Rwy 21. LOC only. LOC unusable byd 25° rgt of course

ILS 110.5 I-JMJ Chan 42 Rwy 28L. Class IT. Coupled apchs not authorized blo 420' due to GS reversal 0.9 NM fm Rwy 28L thld.

PORTLAND-MULINO (4S9) 20 S UTC-8(-7DT) N45°12.98' W122°35.41'

SEATTLE
 L-1B

260 B S8 NOTAM FILE MMV

RWY 14-32: H3425X100 (ASPH) MIRL

RWY 14: PAPI(P2L)—GA 3.0° TCH 43'. Fence. Rgt tfc.

RWY 32: PAPI(P2L)—GA 3.0° TCH 33'.

AIRPORT REMARKS: Unattended. Be alert for weekend glider activity.

Birds on and invof arpt. Rwy 14 designated calm wind rwy.

ACTIVATE MIRL Rwy 14-32, twy lgts, and windcone—CTAF. PAPI

Rwy 14 and Rwy 32 operate 24 hrs.

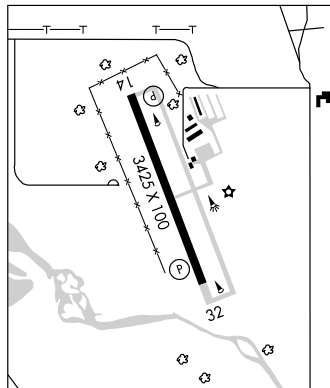
COMMUNICATIONS: CTAF/UNICOM 123.05

PORTLAND CLNC DEL 119.95

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19'

W122°58.69' 095° 18.4 NM to fld. 1440/21E. HIWAS.



CONTINUED FROM PRECEDING PAGE

COMMUNICATIONS: D-ATIS 128.35 269.9 503 493-7557.

UNICOM 122.95

- Ⓡ APP CON 124.35 299.2 (280°-099°) 118.1 (100°-279°) 284.6 (100°-279°)
 TOWER 118.7 257.8 (Rwy 10L-28R) 123.775 251.125 (Rwy 03-21 and Rwy 10R-28L)
 GND CON 121.9 132.275 348.6 CLNC DEL 120.125 318.1
 Ⓡ DEP CON 124.35 299.2 (280°-099°) 118.1 284.6 (100°-279°) 127.85 290.3
 939 ARW COMD POST 381.0 (LOGGER Con 311.0)
 ANG BASE OPS 280.5 (Portland Guard OPS) 288.9 (Guard Comd Post)

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87' W122°35.49' 161° 9.6 NM to fld.
 253/21E.

(L) VORW/DME 111.8 PDX Chan 55 N45°35.62' W122°36.38' at fld. 23/20E.

VOR/DME unusable:

001°-024°

351°-001° byd 20 NM blo 5,500'

025°-039° byd 30 NM

351°-001° byd 34 NM blo 6,500'

131°-230°

322°-351°

COLUMBIA (H) TACAN CBU (109.2) Chan 29 N45°35.32' W122°36.68' at fld. 22/20E.

LAKER NDB (MHW) 332 LBH N45°32.46' W122°27.74' 277° 6.4 NM to fld.

ILS 111.3 I-VDG Chan 50 Rwy 10L. Class IE.

ILS 110.5 I-PDX Chan 42 Rwy 10R. Class IIIE.

ILS 111.3 I-IAP Rwy 28R DME also serves Rwy 10L.

ILS/DME 108.9 I-GPO Chan 26 Rwy 21. LOC only. LOC unusable byd 25° rgt of course

ILS 110.5 I-JMJ Chan 42 Rwy 28L. Class IT. Coupled apchs not authorized blo 420' due to GS reversal 0.9 NM fm Rwy 28L thld.

PORTLAND-MULINO (4S9) 20 S UTC-8(-7DT) N45°12.98' W122°35.41'

SEATTLE
 L-1B

260 B S8 NOTAM FILE MMV

RWY 14-32: H3425X100 (ASPH) MIRL

RWY 14: PAPI(P2L)—GA 3.0° TCH 43'. Fence. Rgt tfc.

RWY 32: PAPI(P2L)—GA 3.0° TCH 33'.

AIRPORT REMARKS: Unattended. Be alert for weekend glider activity.

Birds on and invof arpt. Rwy 14 designated calm wind rwy.

ACTIVATE MIRL Rwy 14-32, twy lgts, and windcone—CTAF. PAPI

Rwy 14 and Rwy 32 operate 24 hrs.

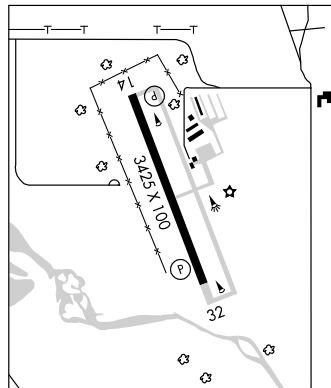
COMMUNICATIONS: CTAF/UNICOM 123.05

PORTLAND CLNC DEL 119.95

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19'

W122°58.69' 095° 18.4 NM to fld. 1440/21E. HIWAS.



PORTLAND—TROUTDALE (TTD) 10 E UTC-8(-7DT) N45°32.96' W122°24.08'

SEATTLE

39 B S4 FUEL 100LL, JET A OX 1 NOTAM FILE TTD

H-1B, L-1C

RWY 07-25: H5399X150 (ASPH) S-19, D-25 MIRL

IAP, AD

RWY 07: REIL. VASI(V4L)—GA 3.0° TCH 50'. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Trees.

AIRPORT REMARKS: Attended 1500-0600Z†. CAUTION: Migratory flocks of waterfowl on and in/ovf arpt. Portland Intl arpt (PDX) Rwy 10L-28R extended centerline crosses arpt, ATCT may issue restrictions due to PDX tfc. Ldg fee. Commercial acft and operators of acft with an FAA certified maximum gross ldg weight that exceeds 10,000 lbs are required to pay a ldg fee. Rwy 25 PAPI is baffled 08° left and right of centerline. ACTIVATE MIRL Rwy 07-25—CTAF. Rwy 07 VASI and PAPI Rwy 25 opr continuously.

WEATHER DATA SOURCES: ASOS 135.625 (503) 492-2887.**COMMUNICATIONS:** CTAF 120.9 ATIS 135.625 (503) 492-7634

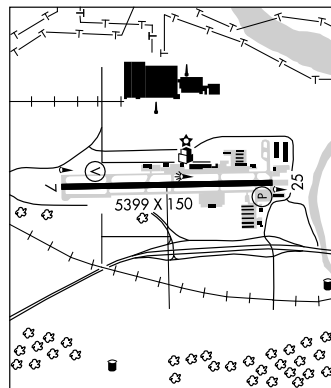
UNICOM 122.95

(R) **PORTLAND APP CON** 124.35 (280°-099°) 118.1 (100°-279°)

(R) **PORTLAND DEP CON** 124.35

TROUTDALE TOWER 120.9 (1500-0600Z†) **GND CON** 121.8**AIRSPACE:** CLASS D svc 1500-0600Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PDX.**BATTLE GROUND (H) VORTACW** 116.6 BTG Chan 113 N45°44.87'

W122°35.49' 125° 14.4 NM to fld. 253/21E.

LAKER NDB (MHW) 332 LBH N45°32.46' W122°27.74' 059° 2.6 NM to fld.**COMM/NAV/WEATHER REMARKS:** Freq 121.5 not avbl at tower.**POWERS** (6S6) 1 SE UTC-8(-7DT) N42°52.17' W124°03.56'

KLAMATH FALLS

326 TPA-1326(1000) NOTAM FILE MMV

RWY 13-31: 2500X60 (TURF)

RWY 13: Trees.

RWY 31: Trees.

AIRPORT REMARKS: Unattended. Arpt in valley surrounded by high terrain. Livestock and wildlife on and in/ovf arpt.**COMMUNICATIONS:** CTAF 122.9**PRINEVILLE** (S39) 3 SW UTC-8(-7DT) N44°17.22' W120°54.23'

KLAMATH FALLS

3250 B S4 FUEL 100LL, JET A NOTAM FILE MMV

H-1B, L-13A

RWY 10-28: H5000X60 (ASPH) S-30 MIRL

IAP

RWY 10: Trees. RWY 28: VASI(V2L)—GA 3.0° TCH 34'.

RWY 15-33: H4031X40 (ASPH) S-5 LIRL

RWY 33: Trees.

AIRPORT REMARKS: Attended Oct-Apr 1500-0100Z†, May-Sep 1500-0200Z†. 24 hr card lock self-svc fuel avbl. Deer on and in/ovf arpt. Rwy 15-33 limited by arpt operator to 5000 lbs max weight. ACTIVATE MIRL Rwy 10-28, VASI Rwy 28, and LIRL Rwy 15-33—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

SEATTLE CENTER APP/DEP CON 128.15

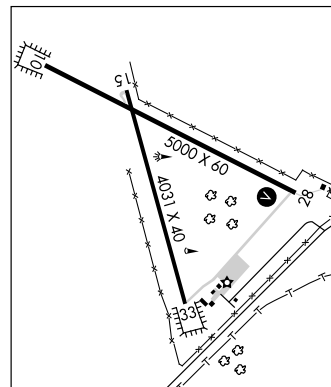
RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.**DESCHUTES (H) VORTACW** 117.6 DSD Chan 123 N44°15.17'

W121°18.21' 065° 17.4 NM to fld. 4101/18E. HIWAS.

BODEY NDB (HW/LOM) 411 RD N44°18.48'

W121°01.14' 086° 5.1 NM to fld. NDB unusable 091°-111°

byd 25 NM blo 14,000'.



PROSPECT STATE (64S) 1 S UTC-8(-7DT) N42°44.59' W122°29.29'

KLAMATH FALLS

2578 B TPA-3578(1000) NOTAM FILE MMV

L-2J

RWY 02-20: H4000X50 (ASPH) LIRL

RWY 02: Trees. **RWY 20:** Trees.

AIRPORT REMARKS: Unattended. Irregular winter maintenance, arpt may be clsd by snow. 80'-100' trees within 200' of rwy centerline both sides of rwy. Turf tie down area rough.

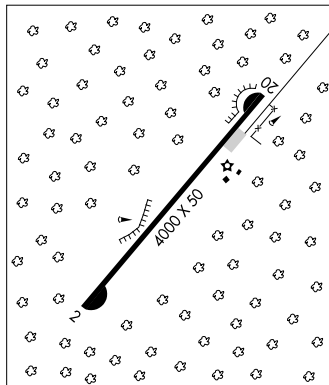
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.

ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42°28.77'

W122°54.78' 031° 24.6 NM to fld.

2083/19E. HIWAS.



PUMIE N42°27.06' W122°54.80'. NOTAM FILE MFR.

KLAMATH FALLS

NDB (LOM) 373 MF 140° 4.9 NM to Rogue Valley Intl.

LOM unusable 260°-270° beyond 10NM all altitudes.

REDMOND N44°15.25' W121°09.15'

KLAMATH FALLS

RCO 122.5 (MC MINNVILLE RADIO)

L-13A

REDMOND**ROBERTS FLD** (RDM) 1 SE UTC-8(-7DT) N44°15.24' W121°09.00'**KLAMATH FALLS**3080 B S4 **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE RDM

H-1B, L-13A

RWY 04-22: H7038X150 (ASPH-GRVD) S-68, D-110, ST-140, DT-200 HIRL 0.3% up SW

IAP, AD

RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 50'.**RWY 22:** MALSR. PAPI(P4L)—GA 3.0° TCH 43'.**RWY 10-28:** H7006X100 (ASPH-GRVD) S-28, D-40

MIRL 0.5% up SE

RWY 10: REIL. VASI(V4L)—GA 3.0° TCH 50'.**RWY 28:** REIL. PAPI(P4L)—GA 3.0° TCH 50'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 04:** TORA-7038 TODA-7038 ASDA-7038 LDA-7038**RWY 10:** TORA-7006 TODA-7006 ASDA-7006 LDA-7006**RWY 22:** TORA-7038 TODA-7038 ASDA-7038 LDA-7038**RWY 28:** TORA-7006 TODA-7006 ASDA-7006 LDA-7006**AIRPORT REMARKS:** Attended 1330Z†-dusk. For fuel after hrs call

541-410-2938 or 541-480-0014. CLOSED to unscheduled air

carrier ops with more than 30 passenger seats except PPR call

airport manager 541-548-0646 extension 3496. Acft in excess

of SW 28 or DW 40 prohibited from landing or takeoff Rwy 10-28

except with PPR from airport manager when Rwy 04-22 is unavl.

Occasional wildlife on and in vicinity of arpt. Taxiway G restricted

to acft 26,000 lbs or less. Taxiway B not avbl for use by air carrier

acft with more than 30 passenger seats. Terminal apron not avbl for general aviation acft. Helipad H1 private

use only. When twr clsd ACTIVATE HIRL Rwy 04-22, MIRL Rwy 10-28, MALSR Rwy 22, REIL Rwy 04, Rwy 10 and

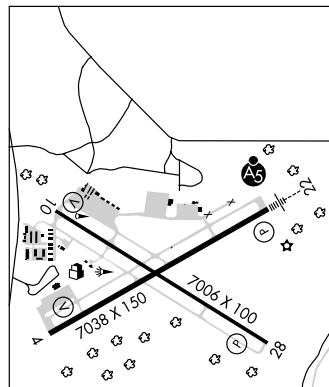
Rwy 28 and twy lgts—CTAF.

WEATHER DATA SOURCES: ASOS 119.025 (541) 504-8743.**COMMUNICATIONS:** CTAF 124.5ATIS 119.025 (541) 548-1742 **UNICOM** 122.95**REDMOND RCO** 122.5 (MC MINNVILLE RADIO)**SEATTLE CENTER APP/DEP CON** 128.15**TOWER** 124.5 (1400-0400Z†) **GND CON** 121.8**AIRSPACE:** CLASS D svc 1400-0400Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE RDM.**DESCHUTES (H) VORTACW** 117.6 DSD Chan 123 N44°15.17' W121°18.21' 071° 6.6 NM to fld. 4101/18E.

HIWAS.

BODEY NDB (HW/LOM) 411 RD N44°18.48' W121°01.14' 222° 6.5 NM to fld.

ILS 109.1 I-RDM Rwy 22. Class IE. LOM BODEY NDB

COMM/NAV/WEATHER REMARKS: ATC radar svc provided within 40 NM radius by Seattle Center to transponder equipped acft only. RDM ATCT does not provide ATC radar svc.**ROBERTS FLD** (See REDMOND)**ROGUE VALLEY INTL-MEDFORD** (See MEDFORD)**ROME** N42°35.43' W117°52.09' NOTAM FILE REO.**KLAMATH FALLS**(H) **VORTACW** 112.5 REO Chan 72 at Rome State. 4050/19E.

H-3C, L-11B

RCO 122.65 (BOISE RADIO)

ROME STATE (REO) 20 SW UTC-8(-7DT) N42°34.66' W117°53.13'

KLAMATH FALLS

4053 TPA-5053(1000) NOTAM FILE REO

RWY 03-21: 6000X150 (GRVL)

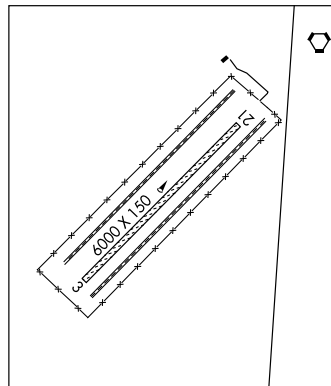
AIRPORT REMARKS: Unattended. Sage growing in primary sfc. Rwy 03-21 sagebrush growing on west portion of rwy. Rwy 03-21 limited by arpt operator to 8000 pounds single wheel gear.

COMMUNICATIONS: CTAF 122.9

RCO 122.65 (BOISE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE REO.

(H) VORTACW 112.5 REO Chan 72 N42°35.43'
W117°52.09' at fld. 4050/19E.



ROSEBURG

GEORGE FELT (5S1) 3 W UTC-8(-7DT) N43°13.49' W123°23.82'

KLAMATH FALLS

428 NOTAM FILE MMV

RWY 10-28: 2300X100 (TURF)

RWY 10: Trees. RWY 28: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Deer frequently on rwy. Migratory flocks of waterfowl on and in vicinity of arpt. Soft earth off rwy and taxiway when wet. For noise abatement fly to river before turning. Monitor Roseburg Rgnl CTAF/UNICOM for conflicting acft.

COMMUNICATIONS: CTAF 122.9

ROSEBURG RGNL (RBG) 1 NW UTC-8(-7DT) N43°14.33' W123°21.35'

KLAMATH FALLS

529 B S4 FUEL 100LL, JET A OX 1 NOTAM FILE RBG

RWY 16-34: H4602X100 (ASPH) S-42, D-54, DT-88 MIRL 0.6% up NW

RWY 16: REIL. Thld dsplcd 700'. Pole.

RWY 34: REIL. VASI(V2L)—GA 3.0° TCH 53'. Thld dsplcd 371'. Tree.

AIRPORT REMARKS: Attended May-Sep 1600-0300Z†, Oct-Apr 1600-0100Z†. Migratory flocks of waterfowl on and in vicinity of arpt. CAUTION advised. ACTIVATE MIRL Rwy 16-34 and REIL Rwy 16 and Rwy 34—CTAF. Rwy 34 VASI opr continuously.

WEATHER DATA SOURCES: ASOS 135.475 (541) 673-1483.

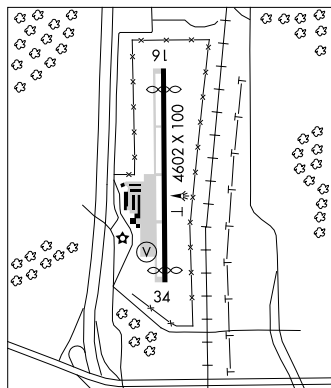
COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.55 (MC MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 121.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RBG.

(L) VORW/DME 108.2 RBG Chan 19 N43°10.95'
W123°21.14' 337° 3.4 NM to fld. 1320/20E.



ROSEBURG N43°10.95' W123°21.14' NOTAM FILE RBG.

KLAMATH FALLS

(L) VORW/DME 108.2 RBG Chan 19 337° 3.4 NM to Roseburg Rgnl. 1320/20E.

H-1A, L-1A

VOR unusable:

070°-130° beyond 20 NM below 8000'

130°-150° beyond 20 NM below 7000'

240°-290° beyond 25 NM below 5000'

RCO 122.55 (MC MINNVILLE RADIO)

DME unusable:

070°-130° beyond 20 NM below 8000'

130°-190° beyond 30 NM below 7000'

240°-320° beyond 25 NM below 5000'

SALEM N44°55.14' W123°00.54'

SEATTLE

RCO 122.6 (Mc MINNVILLE RADIO)

L-1B

SALEM

McNARY FLD (SLE) 2 SE UTC-8(-7DT) N44°54.57' W123°00.15'

SEATTLE

214 B S4 FUEL 100LL, JET A OX 1, 3 Class IV, ARFF Index A NOTAM FILE SLE H-1B, L-1B
 RWY 13-31: H5811X150 (ASPH-GRVD) S-100, D-122, ST-154, DT-185 HIRL 0.3% up SE IAP, AD

RWY 13: ODALS. REIL. VASI(V4L)—GA 3.0° TCH 51'. Road.

RWY 31: MALSR. Tree.

RWY 16-34: H5145X100 (ASPH-GRVD) S-30, D-60, DT-100
 MIRL 0.3% up S

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.

RWY 34: REIL. PAPI(P4L)—GA 4.0° TCH 44'. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 31	16-34	3150
RWY 34	13-31	3050

AIRPORT REMARKS: Attended 1530Z†-dusk. Self fueling (100LL only)

avbl 24 hrs a day. Jet A avbl after normal business hrs with advanced notice at 503-508-4178 or 503-364-0111. CAUTION: Rising terrain west of arpt. PPR for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager on 503-588-6314. PPR required for parking acft on general aviation ramp over 99,000 lbs call airport manager 503-588-6314. Bird hazard: Heavy concentration waterfowl adj to arpt and approaches to all rwys. Twy A from Twy L to L9 not visible from ATCT. Flocks of geese concentrated transiting CLASS D airspace at TPA Oct-May. Noise abatement procedures in effect. When twr clsd ACTIVATE HIRL Rwy 13-31, MIRL Rwy 16-34, REILS Rwy 13, Rwy 16 and Rwy 34, MALSR Rwy 31 and ODALS Rwy 13—CTAF.

WEATHER DATA SOURCES: ASOS (503) 371-1062.

COMMUNICATIONS: CTAF 119.1 ATIS 124.55 UNICOM 122.95

SALEM RCO 122.6 (MC MINNVILLE RADIO)

① SEATTLE CENTER APP/DEP CON 125.8

SALEM TOWER 119.1 (1500-0500Z†) GND CON 121.9

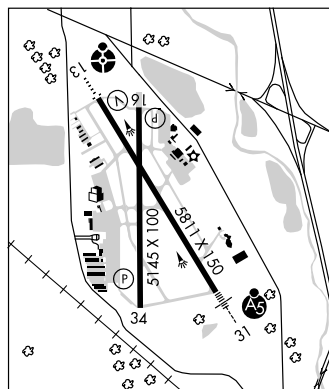
AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19' W122°58.69' 161° 26.6 NM to fld.
 1440/21E. HIWAS.

TURN0 NDB (LOM) 266 SL N44°50.85' W122°57.06' 330° 4.3 NM to fld. LOM unmonitored when twr clsd.

ILS/DME 110.3 I-SLE Chan 40 Rwy 31. LOM TURN0 NDB. ILS and LOM unmonitored when tower closed. Localizer back course unusable beyond 16 NM below 2,400'.



SANDY

COUNTRY SQUIRE AIRPARK (S48) 3 S UTC-8(-7DT) N45°21.27' W122°16.08'

SEATTLE

1175 NOTAM FILE MMV

L-1B

RWY 07-25: H3095X32 (ASPH) S-7

RWY 07: Trees. RWY 25: Trees.

AIRPORT REMARKS: Attended irregularly. CAUTION: Watch for deer on and in vicinity of arpt. Sink hole located 75' N of the AER 25. Rwy 07-25 loose gravel on surface, grass growing in cracks. Ldg fee. Overnight tiedown fee and landing fee for non based acft.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87' W122°35.49' 129° 27.3 NM to fld.
 253/21E.

SANDY RIVER (Ø3S) 1 NE UTC-8(-7DT) N45°24.11' W122°13.72'

SEATTLE

704 S3 FUEL 100LL TPA—See Remarks NOTAM FILE MMV

RWY 08-26: 2115X100 (TURF)

RWY 08: Trees. RWY 26: Tree.

AIRPORT REMARKS: Attended sunrise-sunset. Extensive ultralight activity on and in vicinity of arpt. Ultralight operations use right traffic and TPA—1304(600), do not land on turf adjacent to rwy. Rwy 08-26 not marked.

COMMUNICATIONS: CTAF/UNICOM 122.8

SANTIAM JUNCTION STATE (8S3) 0 S UTC-8(-7DT) N44°26.07' W121°56.54'

KLAMATH FALLS

3780 TPA-4780(1000) NOTAM FILE MMV

RWY 06-24: 2800X150 (GRVL)

RWY 06: Trees.

RWY 24: Trees.

AIRPORT REMARKS: Unattended. CLOSED Winters. Owner advises ctc with Department of Aviation 503-378-4880 prior to use. Land to east tkf to west. Arpt surrounded by trees and high terrain. Rwy 06-24 marked with white tires at corners. State Highway Maintenance Station nearby.

COMMUNICATIONS: CTAF 122.9

SCAPPOOSE INDUSTRIAL AIRPARK (SPB) 1 NE UTC-8(-7DT) N45°46.26' W122°51.71'

SEATTLE

58 B S4 FUEL 100LL, JET A NOTAM FILE SPB

H-1B,L-1C

RWY 15-33: H5100X100 (ASPH-RFSC) S-30, D-50, DT-90 MIRL 0.5% up NW IAP

RWY 15: REIL. PAPI(P4R)-GA 3.73° TCH 41'. Tree.

RWY 33: PAPI(P4L)-GA 3.0° TCH 40'. Rgt tfc.

AIRPORT REMARKS: Attended 1600Z±-dusk. Extensive ultralight activity on west side parallel twy. PAPI Rwy 33 OTS indef.

WEATHER DATA SOURCES: ASOS 135.875 (503) 543-6401.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PORTLAND APP CON 124.35 Ⓡ PORTLAND DEP CON 133.0

CLNC DEL 121.65

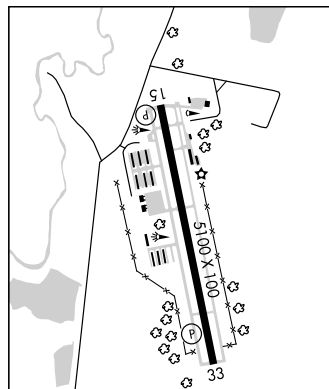
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87'

W122°35.49' 256° 11.4 NM to fld. 253/21E.

ILS/DME 111.1 I-FKO Chan 48 Rwy 15. LOC only. LOC

unusable byd 20° west of course.



SEASIDE MUNI (56S) 1 NE UTC-8(-7DT) N46°00.90' W123°54.46'

SEATTLE

12 B TPA-1012(1000) NOTAM FILE MMV

RWY 16-34: H2211X50 (ASPH) S-12 LIRL

RWY 16: Thld dsplcd 155'. Trees.

RWY 34: Tree.

AIRPORT REMARKS: Unattended. Birds and elk on and in vicinity of rwy.

COMMUNICATIONS: CTAF 122.9

SEXTON SUMMIT N42°35.99' W123°22.04'/3838.

KLAMATH FALLS

RCO 122.5 (MC MINNVILLE RADIO)

L-2J

ASOS 118.375 SXT (541) 471-1460. N42°36.00' W123°22.04'

SILETZ BAY STATE (See GLENEDEN BEACH)

SILVER LAKE F S STRIP (45S) 3 SW UTC-8(-7DT) N43°06.66' W121°05.65'

KLAMATH FALLS

4492 NOTAM FILE MMV

RWY 03-21: 3000X55 (GRVL-DIRT)

RWY 03: Fence.

RWY 21: Fence.

AIRPORT REMARKS: Unattended. Rwy soft when wet, call 541-576-7520 for current conditions. Rwy 03 outlined with white tires. Rwy 03-21 has fence post at each end of rwy painted orange and white. Rwy 03-21 weed growth and sage throughout primary sfc.

COMMUNICATIONS: CTAF 122.9

SISTERS EAGLE AIR (6K5) 1 N UTC-8(-7DT) N44°18.27' W121°32.35'

KLAMATH FALLS

3168 NOTAM FILE MMV

L-1B

RWY 02-20: H3550X30 (ASPH) S-4

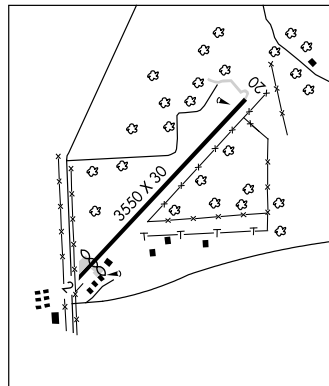
RWY 02: Thld dsplcd 340' Tree. **RWY 20:** Trees.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rising terrain off departure end of Rwy 02. Check density altitude/acft performance prior to txf. Avoid overflights of homes to northeast. Pilots may consider a departure climb over meadow approximately 45° to the left of the departure end of Rwy 02. Rwy 02-20 numbers and centerline smaller than std. Landing fee.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17' W121°18.21' 269° 10.6 NM to fld. 4101/18E. **HIWAS.**



SKYPORT (See CORNELIUS)

SOUTHWEST OREGON RGNL (See NORTH BEND)

SPORTSMAN AIRPARK (See NEWBERG)

STARK'S TWIN OAKS AIRPARK (See HILLSBORO)

SUNRIVER (S21) 1 W UTC-8(-7DT) N43°52.58' W121°27.18'

KLAMATH FALLS

4164 B **FUEL** 100LL, JET A, A+ TPA-5164(1000) NOTAM FILE MMV

H-1B, L-1A, 11A

RWY 18-36: H5455X70 (ASPH) S-30 LIRL

IAP

RWY 18: VASI(V2L)-GA 3.5° TCH 22'. Thld dsplcd 988'. Tree. Rgt tfc. **RWY 36:** Trees.

AIRPORT REMARKS: Attended 23 May-15 Sep 1600-0130Z†, 16 Sep-22 May 1630-0030†. Flocks of waterfowl invof arpt. For fuel after hrs phone 541-593-1000. For noise abatement departing acft are urged to climb west of arpt prior to turning on course.

ACTIVATE LIRL Rwy 18-36 and VASI Rwy 18-CTAF.

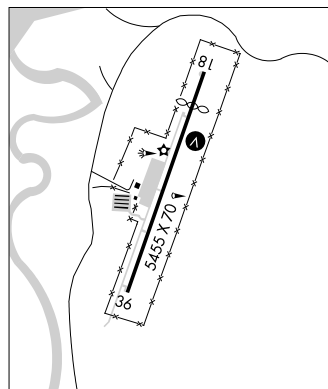
COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (MC MINNVILLE RADIO)

SEATTLE CENTER APP/DEP CON 128.15

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17' W121°18.21' 178° 23.5 NM to fld. 4101/18E. **HIWAS.**



THE DALLES N45°42.82' W121°06.06'

SEATTLE

RCO 122.65 (SEATTLE RADIO)

L-13A

THE DALLES**COLUMBIA GORGE RGNL/THE DALLES MUNI** (DLS) 2 NE UTC-8(-7DT)SEATTLE
H-1B, L-13A
IAP

N45°37.11' W121°10.04'

247 B S4 FUEL 100LL, JET A1 NOTAM FILE DLS

RWY 12-30: H5097X100 (ASPH) S-30, D-30 MIRL 0.6% up SE

RWY 12: Thld dspcd 200'. Trees.

RWY 30: REIL.

RWY 07-25: H4647X100 (ASPH) S-30, D-30 MIRL 0.7% up E

RWY 07: Thld dspcd 440'. Trees.

RWY 25: Thld dspcd 196'.

AIRPORT REMARKS: Attended 1600-0200Z+. Waterfowl on and in ovf arpt. PPR for overweight lgds. Mtns byd 5000' approach Rwy 30. Arpt physically located in state of Washington. ACTIVATE MIRL Rwy 12-30, Rwy 07-25 and REIL Rwy 30-CTAF.

WEATHER DATA SOURCES: ASOS 135.175 (509) 767-1726.**COMMUNICATIONS:** CTAF/UNICOM 123.0

THE DALLES RCO 122.65 (SEATTLE RADIO)

SEATTLE CENTER APP/DEP CON 119.65

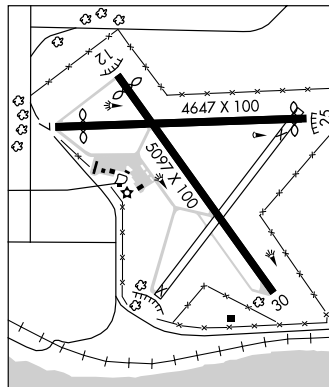
RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.

KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.81'

W121°06.05' 185° 6.4 NM to fld. 3220/21E.

HIWAS.

ILS/DME 109.35 I-DLS Chan 30(Y) Rwy 25. LOC unusable byd 33° right of course.

**TILLAMOOK** (TMK) 3 S UTC-8(-7DT) N45°25.10' W123°48.86'SEATTLE
H-1A, L-1C
IAP

36 B FUEL 100LL, JET A NOTAM FILE TMK

RWY 13-31: H5001X100 (ASPH) S-60, D-75, DT-125 MIRL 0.4% up SE

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.

RWY 31: PAPI(P2L)—GA 3.5° TCH 40'. Brush.

RWY 01-19: H2910X75 (ASPH) S-40, D-46, DT-67 MIRL

RWY 01: PAPI(P2L)—GA 4.0° TCH 45'. Fence.

RWY 19: PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

AIRPORT REMARKS: Attended 1700-0100Z+. Rwy 13 REIL out of svc indefinitely. Ultralight acft on and in ovf arpt. Occasional flocks of birds on or near arpt. ACTIVATE MIRL Rwy 13-31 and Rwy 01-19—CTAF. PAPI Rwy 13, Rwy 31, Rwy 01, and Rwy 19 opr continuously.

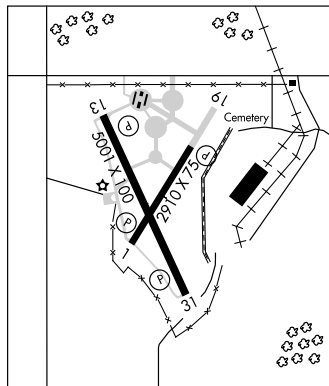
WEATHER DATA SOURCES: AWOS-3 120.0 (503) 842-8792.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SEATTLE APP/DEP CON 124.2.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19'

W122°58.69' 256° 35.6 NM to fld. 1440/21E. HIWAS.

**TOKETE STATE** (See CLEARWATER)**TOLEDO STATE** (5S4) 1 SW UTC-8(-7DT) N44°36.06' W123°56.37'

SEATTLE

7 TPA-1007(1000) NOTAM FILE MMV

RWY 13-31: H1750X40 (ASPH)

RWY 13: Trees.

RWY 31: Trees.

AIRPORT REMARKS: Unattended. Numerous deer and waterfowl invof of arpt. Owner advises contact with Department of Aviation 503-378-4880 prior to use. Trees in transition area. Rwy 13 has 120' trees near centerline, curve apch path from over water. Unpaved ramp and twy.

COMMUNICATIONS: CTAF 122.9**TURNO** N44°50.85' W122°57.06'. NOTAM FILE SLE.

SEATTLE

NDB (LOM) 266 SL 330° 4.3 NM to McNary Fld. LOM unmonitored when twr clsd.

VALE

MILLER MEMORIAL AIRPARK (S49) 1 SW UTC-7(-6DT) N43°57.83' W117°15.56'

KLAMATH FALLS

2249 B NOTAM FILE MMV

RWY 18-36: 3872X65 (GRVL) LIRL

RWY 18: Thld dsplcd 880'. Road.

RWY 36: Thld dsplcd 125'. Brush.

RWY 10-28: 2100X40 (GRVL)

RWY 10: Berm.

RWY 28: Brush.

AIRPORT REMARKS: Unattended. Rwy 36 has very rough gravel extension. Rwy 18-36 marked by rwy lgts atop yellow cones. Dsplcd thld marked with standard thld lgts each side. Dsplcd sections marked with red lgts atop yellow cones. ACTIVATE LIRL Rwy 18-36—CTAF.

COMMUNICATIONS: CTAF 122.9

VALLEY VIEW (See ESTACADA)

VANCOUVER N45°41.92' W122°55.52'.

SEATTLE

RCO 122.35 (SEATTLE RADIO)

L-1C

VERNONIA AIRFIELD (Ø5S) 2 W UTC-8(-7DT) N45°51.09' W123°14.49'

SEATTLE

647 NOTAM FILE MMV

RWY 09-27: 2940X45 (TURF)

RWY 09: Trees. Rgt tfc.

RWY 27: Hill.

AIRPORT REMARKS: Unattended. Hangars 100' right of centerline on AER 27.

COMMUNICATIONS: CTAF 122.9

WAKONDA BEACH STATE (See WALDPOR)

WALDPOR

WAKONDA BEACH STATE (R33) 3 S UTC-8(-7DT) N44°23.07' W124°05.11'

KLAMATH FALLS

41 TPA-1041(1000) NOTAM FILE MMV

RWY 16-34: 2000X30 (TURF)

RWY 16: Trees.

RWY 34: Trees.

AIRPORT REMARKS: Unattended. Owner advises contact Oregon Dept of Aviation 503-378-4880 prior to use. Ldg to the south and txf to the north not recommended. Rwy 34 curve apch from SW to avoid high terrain and trees right at 800'. Rwy 34 has rising terrain and ditch 7' wide and 2' deep at 25' from thld. Rwy 16-34 white tires mark rwy ends. Rwy 16 has a road, +30' trees, and a p-line across the approach path within 110 ft of rwy end.

COMMUNICATIONS: CTAF 122.9

WASCO STATE (35S) 1 E UTC-8(-7DT) N45°35.37' W120°40.45'

SEATTLE

1503 B TPA-2503(1000) NOTAM FILE MMV

L-13A

RWY 07-25: H3450X60 (ASPH) S-12.5 MIRL

RWY 25: Rgt tfc.

AIRPORT REMARKS: Unattended. Extensive AG-sprayer ops, during Spring and Summer. ACTIVATE MIRL Rwy 07-25—CTAF.

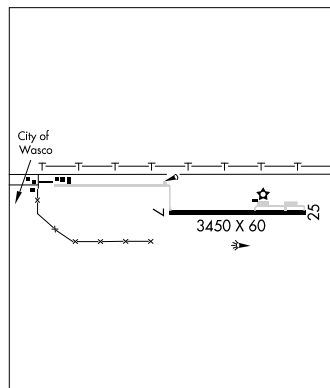
COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.

KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.81'

W121°06.05' 091° 19.4 NM to fld. 3220/21E.

HIWAS.



WILDHORSE N43°35.59' W118°57.30'. NOTAM FILE BNO.

KLAMATH FALLS

(L) VORW/DME 113.8 ILR Chan 85 at Burns Muni. 4140/18E.

L-11A

ABBOTSFORD, BC (CYXX) 2.2 SW UTC-8(-7DT) N49°01.52' W122°21.63'

SEATTLE

195 B S4 FUEL 100LL, JET A AOE NOTAM FILE CYXX

H-1B, L-1E

RWY 07-25: H9600X200 (ASPH-CONC) HIRL

RWY 07: SSALR. Rgt tfc.

RWY 25: ODALS—PAPI. Thld dsplcd 295'.

RWY 01-19: H5328X200 (ASPH) MIRL

RWY 01: REIL. PAPI. Rgt tfc.

RWY 19: PAPI(P2L).

RWY 01A-19A: 1500X100 (TURF)

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5328 TODA-6188 ASDA-5328 LDA-5328

RWY 01A: TORA-1500 TODA-1500 ASDA-1500 LDA-1500

RWY 07: TORA-9597 TODA-10101 ASDA-9597 LDA-9597

RWY 19: TORA-5328 TODA-5854 ASDA-5328 LDA-5328

RWY 19A: TORA-1500 TODA-1500 ASDA-1500 LDA-1500

RWY 25: TORA-9600 TODA-10600 ASDA-9600 LDA-9305

AIRPORT REMARKS: Attended continuously. All acft including Jet acft, ICI training flights not permitted from

0600-1500Z except as otherwise authorized by the arpt manager. These procedures apply to all jet acft including turbo-jets, turbo-fanjets and fanjets. Prior notice required for customs 1600-0800Z ‡ 888-226-7277. IFR training flights PPR ctc 604-586-4592 or 800-668-1333. Helicopter training on fld. Numerous obstructions in helicopter training areas. Turf rwys limited maintenance. Limited winter maintenance 1415-0630Z ‡. Other times 2 hrs prior notice required call out charge may be levied. Twy D uncontrolled.

COMMUNICATIONS: ATIS 119.8 (1500-0700Z ‡)

ABBOTSFORD RADIO (CYXX) on arpt. 122.5 126.7.

VICTORIA TERMINAL APP/DEP CON 132.7

TOWER 119.4 (inner) 121.0 (outer) (1500-0700Z ‡) GND CON 121.8 (1500-0700Z ‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.

WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72' W122°34.76' 41° 9.8 NM to fld. 80/20E.

HIWAS.

NDB (HW) 344 XX N49°00.93' W122°29.27' 068° 4.3 NM to fld. /19E.

WHITEROCK NDB (MHW) 332 WC N49°00.20' W122°45.02' 067° 14.7 NM to fld. /19E.

CULTUS NDB (HW) 214 LU N49°01.27' W122°02.98' 252° 12.3 NM to fld.

ABERN N46°59.26' W123°47.86'. NOTAM FILE HQM.

SEATTLE

NDB (LOM) 236 HQ 241° 5.8 NM to Bowerman. LOM unusable 150°-180° byd 10 NM.

AJ EISENBERG (See OAK HARBOR)**AMERICAN LAKE SPB** (See TACOMA)**ANACORTES****ANACORTES** (74S) 2 W UTC-8(-7DT) N48°29.94' W122°39.74'

SEATTLE

241 B S4 FUEL 100, JET A LRA NOTAM FILE SEA

L-1E

RWY 18-36: H3015X60 (ASPH-GRVD) S-12.5 MIRL

RWY 18: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Unattended. Military arrival corridor N and W of arpt.

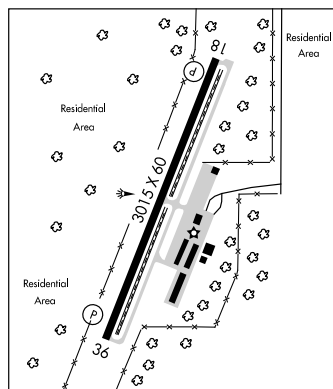
No touch and go lds. Noise abatement procedures in effect, ctc arpt manager 360-293-3134. Rwy 36 preferred calm wind rwy. ACTIVATE MIRL and REIL Rwy 18 and Rwy 36—CTAF.

COMMUNICATIONS: CTAF 128.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE BLI.

WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72'

W122°34.76' 167° 27.0 NM to fld. 83/20E.

HIWAS.



SKYLINE SPB (21H) 3 W UTC-8(-7DT) N48°28.99' W122°41.08'

SEATTLE

00 NOTAM FILE SEA.

WATERWAY NW-SE: 5000X2500 (WATER)

WATERWAY NW: Hill.

WATERWAY SE: Hill.

SEAPLANE REMARKS: Unattended. Land to SE. Military arrival corridor N and W of arpt.

COMMUNICATIONS: CTAF 128.25

ANATONE**ROGERSBURG** (D69) 8 SE UTC-8(-7DT) N46°04.47' W116°57.97'

SEATTLE

869 NOTAM FILE SEA

RWY 09-27: 1471X50 (TURF)

AIRPORT REMARKS: Unattended. Arpt CLOSED 15 Nov-1 Mar. Be alert for horses, deer, and elk on rwy. Vehicles,

pedestrians, or wildlife on or invof rwy. No camping, fires, or parking for more than five acft at any time. Spill kit avbl.

COMMUNICATIONS: CTAF 122.9

ANDERSON FLD (See BREWSTER)**APEX AIRPARK** (See SILVERDALE)**ARLINGTON MUNI** (AWO) 3 SW UTC-8(-7DT) N48°09.65' W122°09.54'

SEATTLE

142 B S4 FUEL 100LL, MOGAS, JET A + TPA—See Remarks NOTAM FILE AWO

H-1B, L-1E

RWY 16-34: H5332X100 (ASPH) S-114, D-150, ST-175, DT-270 MIRL

IAP

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree. Rgt tfc.

RWY 34: MALS. PAPI(P2L)—GA 3.0° TCH 46'.

RWY 11-29: H3498X75 (ASPH) S-32, D-34, DT-59

RWY 11: REIL. PAPI(P2L)—GA 3.5° TCH 42'. Rgt tfc.

RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended 1600Z†-dusk. Self svc 100LL and MOGAS avbl 24 hrs. Glider operations at arpt daily. Ultralight opns daily at NW corner of arpt. Occasional hot air balloon activity. Helicopter training area, autorotations in grass and on south parallel twy Rwy 29 and along Twy B. Hovering area near compass rose located area Rwy 29 and Twy E. TPA—1200(1058). TPA for ultralights 500(358), helicopters 637(495). Taxiing acft over 12,500 lbs remain clear of west side of arpt, Twy C and ramps on west side of Twy D. ACTIVATE MALS Rwy 34—122.7. PAPI Rwy 11, 16, 29 and 34 and REIL Rwy 11, 16, and 29 ops 24 hrs. Landing fee for acft over 12,500 lbs.

WEATHER DATA SOURCES: AWOS-3 135.625 (360) 435-8045.

COMMUNICATIONS: CTAF/UNICOM 122.7

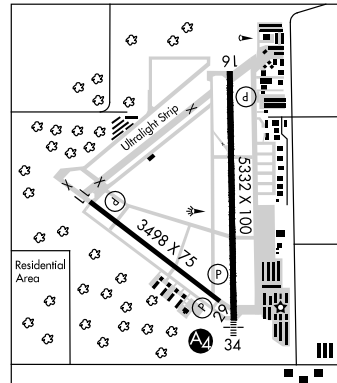
® SEATTLE CENTER APP/DEP CON 128.5

RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.

PAINE (L) VORW/DME 110.6 PAE Chan 43 N47°55.19' W122°16.67' 358° 15.2 NM to fld. 670/20E.

WATON NDB (LOM) 382 AW N48°04.57' W122°09.23' 338° 5.1 NM to fld.

ILS 111.5 I-AWO Rwy 34. LOM WATON NDB. Localizer only. Localizer unmonitored continuously.



AUBURN MUNI (S50) 2 N UTC-8(-7DT) N47°19.66' W122°13.60'
 63 B S4 FUEL 100LL OX 4 TPA-1063(1000) NOTAM FILE SEA
 RWY 16-34: H3400X75 (ASPH) S-12.5 MIRL

RWY 16: REIL. VASI(V4R). Building. Rgt tfc.

RWY 34: REIL. VASI(V4L)—GA 4.0° TCH 53'. Parking lot.

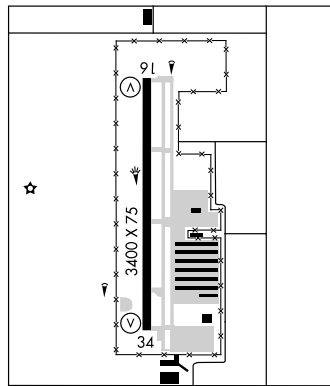
AIRPORT REMARKS: Attended 1600-0100Z+. Fuel 24 hrs credit card self svc. Rwy 16 east-west high voltage transmission line, 80' AGL located 1804' N of Rwy 16 thld at 20:1. Sea gulls and other birds using lagoon on W side of arpt. Ultralights and hot air balloons prohibited. Plan apchs and departures to avoid extremely noise sensitive residential area E of the arpt.

COMMUNICATIONS: CTAF/AUNICOM 122.8

® SEATTLE APP/DEP CON 123.85

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47°26.12'
 W122°18.58' 133° 7.3 NM to fld. 354/19E.



SEATTLE
 L-10
 IAP

AUGSPURGER MOUNTAIN N45°44.06' W121°40.79'
 RCO 122.3 (MC MINNVILLE RADIO)

SEATTLE
 L-1C

AULT FLD (See WHIDBEY ISLAND NAS)

AVEY FLD STATE (See LAURIER)

BADGER MOUNTAIN N47°35.29' W120°08.60'
 RCO 122.3 (SEATTLE RADIO)

SEATTLE
 L-10, 9A

BANDERA STATE (4W0) 0 W UTC-8(-7DT) N47°23.72' W121°32.19'
 1636 NOTAM FILE SEA
 RWY 08-26: 2344X200 (TURF)
 RWY 08: Trees RWY 26: Trees

SEATTLE

AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Oct-1 June. Rwy 08-26 extremely rough, and soft when wet. Watch for pedestrian, vehicles and animals on rwy. Ctc Washington State Aviation Division 360-651-6300 or 1-800-552-0666 Washington area for facility information prior to use.

COMMUNICATIONS: CTAF 122.9

BATTLE GROUND N45°44.87' W122°35.49' NOTAM FILE PDX.
 (H) VORTACW 116.6 BTG Chan 113 161° 9.6 NM to Portland Intl. 253/21E.
 TACAN azimuth and DME unusable 035°-085° byd 35 NM blo 10,000'.

SEATTLE
 H-1B, L-1C

BATTLE GROUND

CEDARS NORTH AIRPARK (W58) 1 NW UTC-8(-7DT) N45°45.87' W122°30.91'

SEATTLE

275 NOTAM FILE SEA

RWY 08-26: 1960X50 (TURF)

RWY 08: Road. RWY 26: Road.

AIRPORT REMARKS: Unattended. Birds on and invof arpt. Transition between rwy and twy on marked twys only.

COMMUNICATIONS: CTAF 122.9

GOHEEN (W52) 3 NW UTC-8(-7DT) N45°49.61' W122°34.61'

SEATTLE

292 B S4 FUEL 100 NOTAM FILE SEA

RWY 15-33: 2565X50 (TURF) LIRL

RWY 15: VASI(NSTD). Trees. RWY 33: P-line.

RWY 07-25: 1500X48 (TURF)

RWY 07: Building. RWY 25: Tree.

AIRPORT REMARKS: Attended continuously. Rwy 07-25 for emerg only. Rwy 15-33 width of 43' over culvert in center of fld. Rwy 15-33 sfc uneven with an incline. Rwy 15 has NSTD single lgt VASI both sides of rwy. ACTIVATE bcu and LIRL Rwy 15-33—CTAF.

COMMUNICATIONS: CTAF 122.9

BELLINGHAM**BELLINGHAM INTL** (BLI) 3 NW UTC-8(-7DT) N48°47.56' W122°32.25'

SEATTLE

170 B S7 FUEL 100LL, JET A OX 3, 4 TPA—See Remarks AOE Class I, ARFF Index B
NOTAM FILE BLIH-1B, L-1E
IAP, AD**RWY 16-34:** H6701X150 (ASPH-AFSC) S-75, D-160, ST-175, DT-250 HIRL**RWY 16:** MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.**RWY 34:** REIL. VASI(V4L)—GA 3.0° TCH 50'. Tree.**AIRPORT REMARKS:** Attended continuously. Birds on and in vicinity of airport. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 360-671-5674. Twr svc not avbl at Twy A invof Twy G, the south hold area and the runup area due to obstructed vision. Twy J, Twy F from Twy A eastward to Twy D, and Twy D from Twy E to Twy F closed to air carrier ops. Commercial ramp clsd to pvt acft. Noise abatement procedures in effect ctc arpt manager at 360-671-5674. TPA—1200 (1030) fixed wing; 700 (530), helicopter; 2000 (1830) turbo. Touchdown rwy visual range available Rwy 16. Ldg fee. When twr clsd ACTIVATE HIRL Rwy 16-34, MALSR Rwy 16 and REIL Rwy 34—CTAF. Flight Notification Service (ADCUS) available.**WEATHER DATA SOURCES:** ASOS (360) 671-8688.**COMMUNICATIONS:** CTAF 124.9 ATIS 134.45 (360) 647-5939
UNICOM 122.95

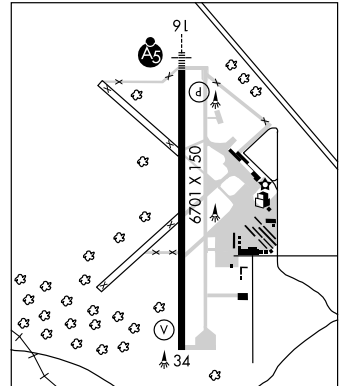
RCO 122.15 (SEATTLE RADIO)

® VICTORIA APP/DEP CON 132.7

TOWER 124.9 (1500-0630Z±) GND CON 127.4

AIRSPACE: CLASS D svc 1500-0630Z± other times class E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BLI.**WHATCOM (H) VORTACW** 113.0 HUH Chan 77 N48°56.72' W122°34.76' 150° 9.3 NM to fld.
83/20E. HIWAS.

ILS/DME 108.5 I-BLI Chan 22 Rwy 16. Class IA.

**FLOATHAVEN SPB** (ØW7) 6 SE UTC-8(-7DT) N48°43.69' W122°20.16'

SEATTLE

307 S2 NOTAM FILE SEA

WATERWAY 12-30: 10000X4000 (WATER)**SEAPLANE REMARKS:** Attended dalgt hours. Canoe, sailboat, and hang glider activity invof arpt. For airframe repairs call 425-814-2290 prior to arrival to arrange svcs. Land and take off in the center of the lake. Avoid flying over noise sensitive area during tkf and ldg.**COMMUNICATIONS:** CTAF 122.9**BOEING FLD/KING CO INTL** (See SEATTLE)**BOWERMAN** (See HOQUIAM)**BOWERS FLD** (See ELLENSBURG)

BREMERTON NATIONAL (PWT) 7 SW UTC-8(-7DT) N47°29.42' W122°45.89'

SEATTLE

444 B S4 FUEL 100LL, JET A TPA-1444(1000) NOTAM FILE PWT

H-1B, L-1D

RWY 01-19: H6000X150 (ASPH) S-66, D-150, ST-113, DT-336 HIRL

IAP

RWY 01: PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.

RWY 19: MALSR. PAPI(P4L)—GA 3.0° TCH 48'. Fence.

AIRPORT REMARKS: Attended 1500-0300Z±. 24 hour fuel terminal located 300' WSW of Twy E. Rwy 19 designated calm wind rwy. All acft above 70,000 lb weight class are required to use Twy E and back taxi on rwy when departing Rwy 19. Wildlife fence crosses north end of abandoned rwy. Fee for aircraft over 60,000 pounds. ACTIVATE MALSR Rwy 19 and PAPI Rwy 01 and Rwy 19—CTAF.

WEATHER DATA SOURCES: AWOS-3 121.2 (360) 674-2811.**COMMUNICATIONS:** CTAF/UNICOM 123.05

Ⓡ SEATTLE APP/DEP CON 127.1

AIRSPACE: CLASS E svc continuous.**RADIO AIDS TO NAVIGATION:** NOTAM FILE TCM.**OLYMPIA (H) VORTACW** 113.4 OLM Chan 81 N46°58.30'

W122°54.11' 351° 31.6 NM to fld. 200/19E. HIWAS.

McCHORD (T) VORTAC 109.6 TCM Chan 33 N47°08.86'

W122°28.50' 308° 23.7 NM to fld. 284/22E. No NOTAM MP

Thu 0700-1400Z±.

CARNEY NDB (MHW) 274 CAN N47°24.63' W122°50.33'

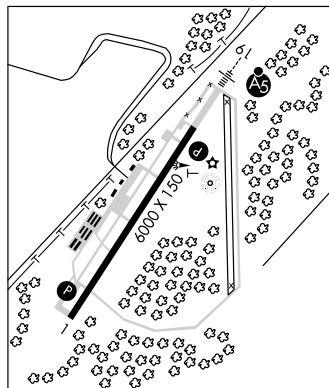
012° 5.7 NM to fld. NOTAM FILE PWT.

NDB unusable 030°-310° beyond 15 NM.

KITSAP NDB (MHW) 206 PWT N47°29.54' W122°45.40' at fld. NOTAM FILE PWT.

NDB unusable 210°-310° byd 12 NM.

ILS 111.1 I-PWT Rwy 19. Class IA.

**BREWSTER****ANDERSON FLD** (S97) 3 E UTC-8(-7DT) N48°06.29' W119°43.24'

SEATTLE

914 B S6 FUEL 100LL NOTAM FILE SEA

L-13A

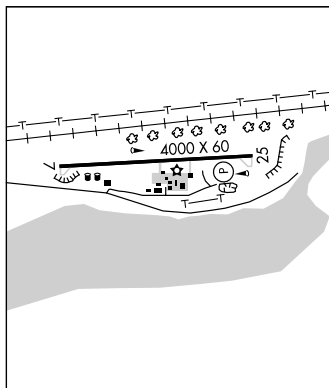
RWY 07-25: H4000X60 (ASPH) S-15 MIRL

RWY 25: PAPI (P2L)—GA 3.0°.

AIRPORT REMARKS: Unattended. Fuel emergency use only. See charter opr who lives on fld. PAPI Rwy 25 OTS indef. ACTIVATE MIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MWH.**MOSES LAKE (H) VORW/DME** 115.0 MWH Chan 97 N47°12.65'

W119°19.01' 325° 56.1 NM to fld. 1194/18E.

**BUCKHORN MOUNTAIN** N46°32.49' W123°01.27'

SEATTLE

RCO 122.2 (SEATTLE RADIO)

L-1C

BURLINGTON/MOUNT VERNON

SKAGIT RGNL (BVS) 3 W UTC-8(-7DT) N48°28.25' W122°25.25'
 144 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE BVS
RWY 10-28: H5477X100 (ASPH) S-19 MIRL 0.8% up W
RWY 10: REIL. VASI(V4L)—GA 3.0° TCH 40'.
RWY 28: REIL. VASI(V2L)—GA 3.5° TCH 46'.
RWY 04-22: H3000X60 (ASPH) S-17 LIRL 0.4% up NE
RWY 04: PAPI(P2L)—GA 3.0° TCH 40'.
RWY 22: PAPI(P2R)—GA 3.0° TCH 40'.

AIRPORT REMARKS: Attended Mon-Fri 1400-0100Z±. Deer and birds on and in/ov rwys. Helicopter training ops on arpt with autorotations on rwy. NW 2000' of parallel twy Rwy 10-28 for ultralight use. All ultralight patterns E of fld. Use of Twy G by acft with wingspan 49' or greater not advised when Rwy 04-22 in use. TPA-1144(1000) Ultralight TPA-644(500). Rwy 04-22 compass rose in stopway SW end. ACTIVATE MIRL Rwy 10-28, LIRL Rwy 04-22, VASI Rwy 10 and Rwy 28, and REIL Rwy 10 and Rwy 28—CTAF. PAPI Rwy 04 and Rwy 22 opr continuously.

WEATHER DATA SOURCES: AWOS-3 121.125 (360) 757-7767.

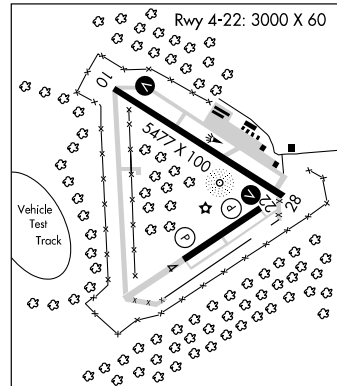
COMMUNICATIONS: CTAF/UNICOM 123.075

® WHIDBEY APP/DEP CON 120.7

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48°17.99'
 W124°37.62' 061° 88.8 NM to fld. 1652/22E.
 HIWAS.

SKAGIT/BAY VIEW NDB (MHW) 240 BVS N48°28.12' W122°25.10' at fld. NOTAM FILE BVS.
 NDB unusable 350°-030° byd 20NM.



SEATTLE
 H-1B, L-1E
 IAP

CAMANO ISLAND AIRFIELD (See STANWOOD)**CAMAS**

GROVE FLD (1W1) 3 N UTC-8(-7DT) N45°37.67' W122°24.26'

SEATTLE

429 B S4 FUEL 100 NOTAM FILE SEA
RWY 07-25: H2710X40 (ASPH) MIRL (NSTD)
RWY 07: PAPI(P2L)—GA 5.0°. Thld dspcd 493'. Trees.
RWY 25: PAPI(P2L)—GA 5.0°. Thld dspcd 413'. Trees.

AIRPORT REMARKS: Unattended. For fuel after hrs credit card lock. Noise abatement procedures in effect, etc Port of Camas-Washougal at 360-835-2196. Rwy 07-25 has buildings, telephone poles and trees encroaching in safety areas. Rwy 07 and Rwy 25 have 4 thld stripes falsely indicating 60' width. NSTD MIRL Rwy 07 and Rwy 25 dspcd thlds unlighted. ACTIVATE rotating bcen and MIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF 122.9

PORTLAND CLNC DEL 121.65

CARNEY N47°24.63' W122°50.33' NOTAM FILE PWT.

SEATTLE
 L-10

NDB (MHW) 274 CAN 012° 5.7 NM to Bremerton National.
 NDB unusable 030°-310° beyond 15 NM.

CASHMERE-DRYDEN (8S2) 0 SW UTC-8(-7DT) N47°30.89' W120°29.08'

SEATTLE

858 B S4 NOTAM FILE SEA
RWY 07-25: H1800X50 (ASPH) S-8 MIRL
RWY 07: Fence. **RWY 25:** PAPI(P2L)—GA 3.0°. Thld dspcd 182'. Trees.

AIRPORT REMARKS: Unattended. Ground vehicles and pedestrians use twy for hanger and residential access. Exit rwy at twys only. Radio control model activity permitted on W end of arpt. ACTIVATE MIRL Rwy 07-25—121.7.

COMMUNICATIONS: CTAF 122.9

CEDARS NORTH AIRPARK (See BATTLE GROUND)

CHEHALIS—CENTRALIA (CLS) 1 W UTC-8(-7DT) N46°40.62' W122°58.97'SEATTLE
H-1B, L-1C
IAP

176 B S4 FUEL 100LL, JET A OX 4 NOTAM FILE SEA

RWY 16-34: H5000X150 (CONC) S-30, D-30, DT-85 MIRL

RWY 16: REIL. PAPI(P4L)—GA 4.0° TCH 51'. Trees. Rgt tfc.

RWY 34: REIL. VASI(V2L)—GA 4.5° TCH 35'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z+. Fuel avbl 24 hrs by credit card only. No debit cards. Possible wildlife on rwsys.

ACTIVATE MIRL Rwy 16-34 and REIL Rwy 16 and Rwy 34—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.025 (360) 740-5164.

COMMUNICATIONS: CTAF/UNICOM 122.8

① SEATTLE APP CON 121.1

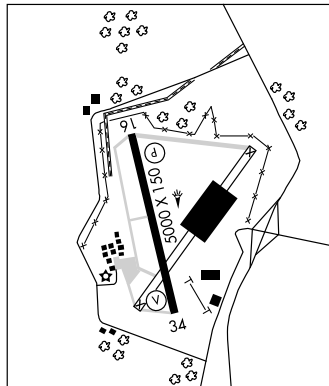
SEATTLE CENTER DEP CON 124.2

RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.

OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30'

W122°54.11' 172° 18.0 NM to fld. 200/19E.

HIWAS.

**CHELAN****LAKE CHELAN** (S10) 3 NE UTC-8(-7DT) N47°51.96' W119°56.56'SEATTLE
L-13A

1263 B S2 FUEL 100LL, JET A NOTAM FILE SEA

RWY 02-20: H3503X60 (ASPH) S-12 MIRL

RWY 02: Thld dsplcd 447'. Road. Rgt tfc.

RWY 20: PAPI(P2L). Thld dsplcd 197'. Trees.

AIRPORT REMARKS: Attended continuously. Self-service fuel avbl 24 hrs. ACTIVATE MIRL Rwy 02-20 CTAF 122.9.

COMMUNICATIONS: CTAF/UNICOM 122.95

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68' W119°25.44' 303° 36.1 NM to fld. 1250/21E.

CHEWELAH**SAND CANYON** (1S9) 2 N UTC-8(-7DT) N48°18.85' W117°44.60'SEATTLE
L-13B

2084 B NOTAM FILE SEA

RWY 17-35: H3446X48 (ASPH) MIRL

RWY 17: PAPI(P2L)—GA 4.0° TCH 63'. Thld dsplcd 230'. Tree. Rgt tfc.

RWY 35: PAPI(P4L)—GA 3.0°. Thld dsplcd 101'.

AIRPORT REMARKS: Unattended. Deer and wildlife on and invov arpt.

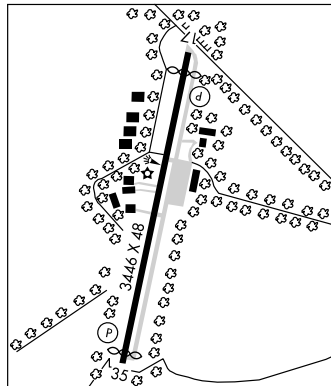
ACTIVATE MIRL Rwy 17-35—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90'

W117°37.61' 333° 45.2 NM to fld. 2755/21E. HIWAS.



CLAYTON**CROSS WINDS** (C72) 2 SE UTC-8(-7DT) N47°58.99' W117°32.56'

SEATTLE

2150 TPA—See Remarks NOTAM FILE SEA

RWY 13L-31R: 3800X125 (TURF)**RWY 13L:** P-line. **RWY 31R:** Thld dsplcd 170'. Road. Rgt tfc.**RWY 13R-31L:** 2065X50 (TURF)**RWY 13R:** Fence. Rgt tfc. **RWY 31L:** Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED winters, open only to ski equipped acft. Use care during high wind due to turbulence and crosswind. Rwy not useable during heavy snow and spring mud. Radio controlled model acft on and infov arpt. Watch out for mole holes on rwy, rwy rough. Rwy 13L-31R edges marked with red traffic cones, Rwy 13R-31L ultralight rwy. Ultralight tfc on arpt. TPA—3150 (1000); Ultralight—2650 (500).

COMMUNICATIONS: CTAF 122.9**CLE ELUM****CLE ELUM MUNI** (S93) 1 E UTC-8(-7DT) N47°11.66' W120°53.01'

SEATTLE

1944 B TPA—2944(1000) NOTAM FILE SEA

RWY 07-25: H2552X40 (ASPH) MIRL**RWY 07:** REIL. PAPI (P2L)—GA 4.0° TCH 20'. Thld dsplcd 130'. Rgt tfc.**RWY 25:** REIL. PAPI (P-2L)—GA 4.0° TCH 20'. Thld dsplcd 130'. Tree.

AIRPORT REMARKS: Unattended. Wildlife on and infov rwy. Gliders use CTAF freq 122.3. ACTIVATE rotating bcn, MIRL Rwy 07-25 and REIL Rwy 07 and Rwy 25—CTAF. PAPI Rwy 07 and Rwy 25 opr continuously.

COMMUNICATIONS: CTAF 122.9**DE VERE FLD** (2W1) 3 E UTC-8(-7DT) N47°10.66' W120°51.16'

SEATTLE

1800 NOTAM FILE SEA

RWY 08-26: H2055X30 (ASPH) LIRL(NSTD)**RWY 08:** Trees. Rgt tfc. **RWY 26:** Trees.

AIRPORT REMARKS: Attended dalgt hours. Field occasionally CLOSED in winter. Wildlife on and infov rwy. Rwy 08-26 has 2 inch dropoff along entire rwy both sides. For LIRL Rwy 08-26 call 509-674-2627. Rwy 08-26 LIRL(NSTD)—thld lgts 360° green.

COMMUNICATIONS: CTAF 122.9**COLFAX****LOWER GRANITE STATE** (ØØW) 12 S UTC-8(-7DT) N46°40.41' W117°26.56'

SEATTLE

719 NOTAM FILE SEA

RWY 14-32: 3400X50 (GRVL)**RWY 14:** Trees. **RWY 32:** Hill.

AIRPORT REMARKS: Unattended. CLOSED 1 Oct-1 June. Pedestrians, vehicles and animals on or infov rwy. P-lines west and north; Rwy 14-30 rough.

COMMUNICATIONS: CTAF 122.9**PORT OF WHITMAN BUSINESS AIR CENTER** (S94) 3 SW UTC-8(-7DT) N46°51.52' W117°24.85'

SEATTLE

2181 B FUEL 100LL TPA—3010(829) NOTAM FILE SEA

RWY 07-25: H3209X60 (ASPH) S-17 MIRL (NSTD)**RWY 07:** Thld dsplcd 492'. Road. **RWY 25:** Thld dsplcd 319'. Hills.

AIRPORT REMARKS: Attended dawn-dusk. 100LL fuel avbl for emergencies. Call 509-397-3791. Rwy 07-25 farm machinery may be operating in fields on both sides of rwy and off both rwy ends. Rwy 07-25 NSTD MIRL only center 2240' lgtd. 30' bldg 250' S AER 25. ACTIVATE MIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE PUW.**PULLMAN (L) VORW/DME** 109.0 PUW Chan 27 N46°40.46' W117°13.41' 305° 13.6 NM to fld. 2720/20E.**HIWAS.** DME unmonitored.

DEER PARK (DEW) 3 NE UTC-8(-7DT) N47°58.02' W117°25.72'

SEATTLE

2211 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE DEW

H-1C, L-13B

RWY 16-34: H6100X75 (ASPH) S-21 MIRL 0.4% up NW

IAP

RWY 16: REIL. PAPI (P4L)—GA 3.5° TCH 38'. Trees.

RWY 34: REIL. PAPI (P4L)—GA 3.0° TCH 40'.

RWY 04-22: H3200X60 (ASPH) S-12.5

AIRPORT REMARKS: Attended Apr-Oct 1600-0100Z†, Nov-Mar 1800-0000Z†. 100LL avbl 24 hrs credit card self service facility. Call ahead for Jet A svc 509-276-3379. Rwy 04-22 heavy glider activity weekends. Glider pattern TPA 3211(1000). Ultralight activity on arpt. Model airplane activity on arpt. Farming opr active on land adjacent to rwys. Deer and coyotes on and invof runways. 175' twr 2000' W of Rwy 16-34. Noise abatement procedures in effect ctc arpt manager 509-276-3379. Rwy 16 preferred calm wind rwy. ACTIVATE MIRL Rwy 16-34—CTAF.

WEATHER DATA SOURCES: ASOS 135.175 (509) 276-2303.**COMMUNICATIONS:** CTAF/UNICOM 123.0① **SPOKANE APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE GEG.**SPOKANE (H) VORTAC** W 115.5 GEG Chan 102 N47°33.90'W117°37.61' 358° 25.4 NM to fld. 2755/21E. **HIWAS.****NDB (MHW)** 216 DPY N47°58.07' W117°25.58' at fld. NOTAM

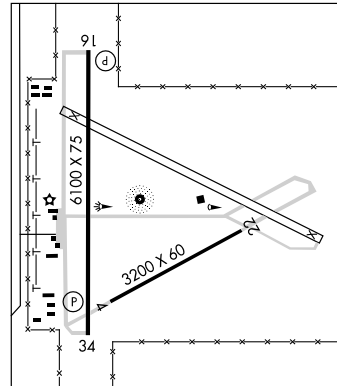
FILE DEW. NDB unmonitored.

NDB unusable:

360°-070° byd 11 NM blo 5,700'

360°-070° byd 16 NM

070°-110° byd 8 NM

COMM/NAV/WEATHER REMARKS: Monitor glider tfc on CTAF above 5,000 MSL.**DESERT AIRE** (See MATTAWA)**DE VERE FLD** (See CLE ELUM)**DONNY** N46°31.54' W120°22.33'. NOTAM FILE YKM.

SEATTLE

NDB (LOM) 371 YK 274° 7.6 NM to Yakima Air Terminal/McAllister Fld.**DOROTHY SCOTT** (See OROVILLE)**DUNEZ** N46°20.29' W119°00.75'. NOTAM FILE PSC.

SEATTLE

NDB (LOM) 331 PS 205° 6.3 NM to Tri-Cities. Unmonitored when twr clsd.**EASTON STATE** (ESW) 2 N UTC-8(-7DT) N47°15.25' W121°11.13'

SEATTLE

2226 NOTAM FILE SEA

RWY 09-27: 2640X100 (TURF) MIRL

RWY 09: Trees RWY 27: Trees

AIRPORT REMARKS: Unattended. Arpt CLOSED Oct 1 thru Jun 1. Wind cone mounted on 50' self supporting tower. Rwy 27 thld lgts OTS indef.

COMMUNICATIONS: CTAF 122.9**EASTSOUND****ORCAS ISLAND** (ORS) 1 N UTC-8(-7DT) N48°42.50' W122°54.64'

SEATTLE

31 B S3 FUEL 100LL TPA—1031(1000) NOTAM FILE ORS

L-1E

RWY 16-34: H2900X60 (ASPH-AFSC) S-12.5 MIRL

IAP

RWY 16: REIL. VASI(V4L)—GA 2.9° TCH 35'.

RWY 34: REIL. PAPI(P2L)—GA 4.0° TCH 28'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1600-0030Z†. Self svc 24 hr fuel avbl with credit card. Deer on and invof rwy. Noise abatement procedures in effect, ctc arpt manager 360-376-5285. Additional transient tiedowns south of segmented circle. PAPI baffled W of centerline, lateral coverage has been narrowed to avoid obstacles, during decent close alignment to rwy centerline is necessary. ACTIVATE VASI Rwy 16, REIL Rwy 16 and Rwy 34 and twy lgts—128.25.

WEATHER DATA SOURCES: AWOS-3 135.425 (360) 376-6045.**COMMUNICATIONS:** CTAF 128.25**VICTORIA NORTH APP/DEP CON** 132.75**WHIDBEY SOUTH APP/DEP CON** 118.2

EATONVILLE**SWANSON** (2W3) 1 NE UTC-8(-7DT) N46°52.30' W122°15.43'

SEATTLE

843 TPA-1643(800) NOTAM FILE SEA

RWY 16-34: H2990X36 (ASPH) MIRL**RWY 16:** Trees. Rgt tfc.**RWY 34:** Ground.

AIRPORT REMARKS: Attended 1600-0400Z+. CAUTION: Deer on and in vicinity of arpt. Buildings are in close proximity to rwy. Gravel svc road around Rwy 16-34 not avbl for acft ops. Taxi on rwy. Rwy 16-34 trees in apch and transitional surfaces both sides of rwy. Arpt lgts opr dusk-0800Z+. After 0800Z+, ACTIVATE MIRL Rwy 16-34-CTAF.

COMMUNICATIONS: CTAF 122.9**ED CARLSON MEMORIAL FLD-SOUTH LEWIS CO** (See TOLEDO)**ELECTRIC CITY****GRAND COULEE DAM** (3W7) 2 SW UTC-8(-7DT) N47°55.32' W119°04.98'

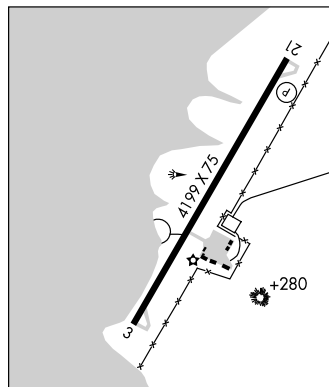
SEATTLE

1588 B NOTAM FILE SEA

RWY 03-21: H4199X75 (ASPH) S-26 MIRL**RWY 03:** Hill.**RWY 21:** PAPI(P2L). Ground. Rgt tfc.**AIRPORT REMARKS:** Unattended. ACTIVATE MIRL Rwy 03-21-CTAF.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68' W119°25.44' 002° 35.5 NM to fld. 1250/21E.

L-13A



ELLENSBURG N47°01.46' W120°27.50' NOTAM FILE ELN.

SEATTLE

(H) VORTACW 117.9 ELN Chan 126 259° 3.0 NM to Bowers Fld. 1770/21E. HIWAS.

H-1B, L-13A

VORTAC unusable:

090°-158° byd 10 NM

163°-268° byd 33 NM

158°-163° byd 27 NM

VOR portion unusable:

300°-040° byd 25 NM

040°-080° byd 34 NM

DME unusable:

055°-070° byd 21 NM

163°-268° byd 33 NM

070°-090° byd 34 NM

300°-055° byd 21 NM

090°-158° byd 10 NM

350°-025° byd 15 NM

158°-163° byd 27 NM

RCO 122.2 (SEATTLE RADIO)

ELLENSBURG**BOWERS FLD** (ELN) 2 N UTC-8(-7DT) N47°01.98' W120°31.84'

SEATTLE

1764 B S4 FUEL 100LL, JET A TPA-2598(834) NOTAM FILE ELN

H-1B, L-13A

RWY 07-25: H5590X150 (ASPH) S-28 0.8% up E

IAP

RWY 07: Tree. RWY 25: P-line.

RWY 11-29: H4301X150 (CONC) S-35, D-57, DT-100

MIRL 0.4% up NW

RWY 29: REIL. PAPI(P2R)—GA 3.0° TCH 40'.

AIRPORT REMARKS: Attended Mon-Fri 1500-0300Z†, Sat-Sun

1500-0200Z†. Rwy 07-25 CLOSED Dec 15-Feb 28, no maintenance avail. Rwy 07-25 has weeds growing through cracks in pavement first 2000'. ACTIVATE MIRL Rwy 11-29-123.0.

WEATHER DATA SOURCES: ASOS 118.375 (509) 925-2040. HIWAS 117.9 ELN.

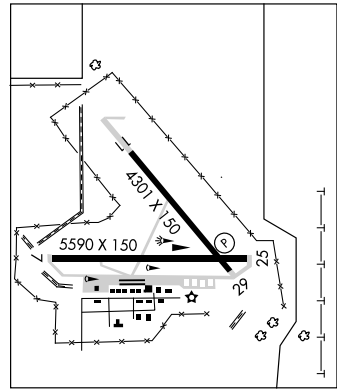
COMMUNICATIONS: CTAF/UNICOM: 123.0

ELLENSBURG RCO 122.2 (SEATTLE RADIO)

SEATTLE CENTER APP/DEP CON 132.6

RADIO AIDS TO NAVIGATION: NOTAM FILE ELN.

ELLENSBURG (H) VORTACW 117.9 ELN Chan 126 N47°01.46' W120°27.50' 259° 3.0 NM to fld. 1770/21E. HIWAS.

**ELMA MUNI** (4W8) 1 SW UTC-8(-7DT) N46°59.43' W123°25.78'

SEATTLE

35 B TPA-835(800) NOTAM FILE SEA

RWY 07-25: H2280X30 (ASPH) MIRL (NSTD)

RWY 07: Trees. Rgt tfc. RWY 25: Thld dsplcd 180' Trees.

AIRPORT REMARKS: Unattended. Rwy 07-25 NSTD MIRL. Rwy 25 dsplcd thld unlgtd, 2095' of Rwy 07-25 avbl for ngt ops. Rwy 07-25 disregard white X's on rwy. Rwy 07-25 very narrow faded centerline stripe, rwy 1D NSTD dimensions. ACTIVATE NSTD MIRL Rwy 07-25-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

ELWHA N48°09.01' W123°40.22'. NOTAM FILE CLM.

SEATTLE

NDB (MHW/LDM) 515 CL 083° 7.1 NM to William R. Fairchild Intl.

L-1E

NDB unusable 100°-235° beyond 12 NM.

EPHRATA MUNI (EPH) 2 SE UTC-8(-7DT) N47°18.48' W119°31.01'

SEATTLE

1276 B FUEL 100LL, JET A TPA—See Remarks NOTAM FILE EPH

H-1B, L-13A

RWY 03-21: H5500X75 (ASPH) S-60, D-90, ST-114, DT-115 MIRL

IAP

RWY 03: PAPI (P4R)—GA 3.0° TCH 40'. Ground. Rgt tfc. 0.3% up.

RWY 21: PAPI (P4R)—GA 3.0° TCH 40'.

RWY 11-29: H3843X60 (ASPH) S-40, D-53, DT-105 MIRL

RWY 11: REIL. Ground.

RWY 29: REIL. PAPI(P2L)—GA 3.0°. TCH 40'.

RWY 04-22: H3467X150 (ASPH)

RWY 22: Rgt tfc.

AIRPORT REMARKS: Attended 1530-0000Z†. Credit card fuel avbl 1400-0600Z†. Rwy 04-22 for gliders only. Parallel twy to Rwy 11-29 and 3 connector twys non air carrier movement area. Be alert aerobatic acft activity over center of arpt. Ultralight activity invof arpt. TPA for ultralight acft 1526(250). Heavy glider activity from apron area Apr-Oct. Landings on Rwy 11 by all acft are discouraged during glider opns due to tfc conflicts. **ACTIVATE MIRL** Rwy 03-21 and MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF. PAPI Rwy 29, Rwy 03 and Rwy 21 opr continuously. UNICOM monitored intermittently.

WEATHER DATA SOURCES: ASOS 135.775 (509) 754-3761.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.2 (SEATTLE RADIO)

GRANT COUNTY APP/DEP CON 126.4 (1400-0600Z†)

SEATTLE CENTER APP/DEP CON 126.1 (0600-1400Z†)

AIRSPACE: CLASS E svc 1400-0600Z† other times CLASS G.

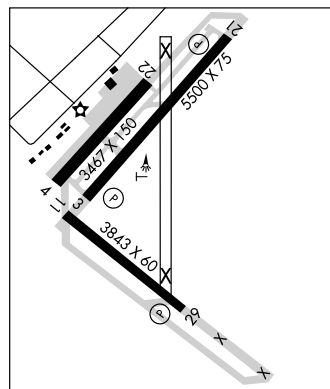
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

(H) **VORTACW 112.6** EPH Chan 73 N47°22.68' W119°25.44' 201° 5.7 NM to fld. 1250/21E.

VOR unusable 310°-350° byd 25 NM blo 6,500'.

DME portion unusable:

280°-295° byd 25 NM blo 7,000'.



310°-350° byd 25 NM blo 6,500'.

EVERETT

SNOHOMISH CO (PAINE FLD) (PAE) 6 SW UTC-8(-7DT) N47°54.42' W122°16.89'

606 B S4 FUEL 100LL, JET A OX 1, 3 TPA-See Remarks LRA

SEATTLE

H-1B, L-1D

IAP, AD

ARFF Index—See Remarks NOTAM FILE PAE

RWY 16R-34L: H9010X150 (ASPH-CONC-GRVD) S-100, D-200,

ST-175, DT-350, DDT-830 HIRL CL

RWY 16R: MALSR. PAPI(P4R)—GA 2.8°. Rgt tfc.

RWY 34L: MALSF. PAPI(P4L) GA 3.0° TCH 75'. Trees.

RWY 11-29: H4514X75 (ASPH) S-30 MIRL 0.9% up SE

RWY 11: VASI(V2L)—GA 3.25° TCH 60'. Thld displcd 799'. Trees.

RWY 29: VASI(V2R)—GA 4.0° TCH 57'. Trees.

RWY 16L-34R: H3000X75 (ASPH) S-12.5 MIRL

RWY 16L: REIL. PAPI(P2L)—GA 3.0°. Pole.

RWY 34R: REIL. PAPI(P2R)—GA 3.0°. Pole. Rgt tfc.

AIRPORT REMARKS: Attended 1500-0500Z†. For jet and helicopter fuel

after hrs call 425-355-6600. Helicopters prohibited at fueling

islands. Flocks of large and small birds in vicinity of arpt. Class I,

ARFF Index B. Arpt CLOSED to air carrier ops with more than 30

passenger seats 0500-1500Z† except PPR ctc arpt director

425-353-2110/1606. For additional ARFF capability ctc arpt

director 425-353-2110/1606. Rwy 11-29 and Rwy 16L-34R

CLOSED between 0500-1500Z†. First 2000' of Rwy 16R is

concrete. Large acft fly W pattern over water, small acft fly E

pattern over arpt. Be alert for converging tfc on base to final legs Rws 16R-34L 0500-1500Z†. Training flights

discouraged after 0600Z†. Twy A-2 restricted to 30,000 lbs. Avoid overflight of Boeing ramp NE corner of arpt

due to JET blast. Rwy 34L departures discouraged in calm wind conditions. Avoid intersection departures from

Rwy 16L-34R and Rwy 29. Avoid intersection departures from Rwy 11 except from Twy Delta 1 intersection. Twy

Echo lgts OTS indef. Areas not visible from twr include E edge of S 1200' of Twy A, Twy E from SE corner of west

hangars to Twy A, mid section of outer terminal ramp, Twy H from NW edge of west hangars to Twy E, NE edge of

inner terminal ramp. When twr clsd ACTIVATE HIRL Rwy 16R-34L, MALSR Rwy 16R and PAPI Rwy 34L—CTAF.

Noise sensitive arpt, for noise abatement procedures and tfc procedures call arpt ops 425-353-2110 ext

2230. It is requested that pilots adhere to the following noise abatement procedures unless otherwise

instructed by twr, itinerant arrival and low apch of small acft over 250 horsepower authorized on Rwy 29, Rwy

16L and Rwy 34R. Itinerant departure of small acft over 250 horsepower on Rwy 11 and Rwy 34R. If access to

Boeing ramp required ctc Boeing Flight Dispatch 206-655-3421 for approval during normal duty hours.

TPA-1606 (1000) for light acft, 2006 (1400) for heavy acft. Landing fee for acft over 30,000 lbs GWT.

WEATHER DATA SOURCES: ASOS (425) 355-6192. LAWRS.

COMMUNICATIONS: CTAF 132.95 ATIS 128.65 (425)355-9797. UNICOM: 122.95

PAINE RCO 122.55 (SEATTLE RADIO)

® SEATTLE CENTER APP/DEP CON 128.5

PAINE TOWER 132.95 (acft arrival W of centerline or departure Rwy 16R-34L) 120.2 (acft arrival E of centerline or

departure Rwy 16L-34R) (1500-0500Z†) GND CON 121.8 CLNC DEL 126.75

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

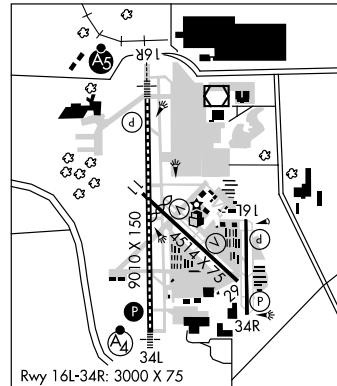
RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.

PAINE (L) VORW/DME 110.6 PAE Chan 43 N47°55.19' W122°16.67' at fld. 670/20E.

RITTS NDB (LOM) 396 PA N48°03.17' W122°17.33' 158° 8.8 NM to fld.

ILS 109.3 I-PAE Rwy 16R Class IE. LOM RITTS NDB. LOC/GS unmonitored (0500-1500Z†)

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



FAIRCHILD AFB (SKA)(KSKA) AF (ANG) 10 SW UTC-8(-7DT) N47°36.90' W117°39.35' **SEATTLE**
 2461 B TPA—See Remarks AOE Class I, ARFF Index A NOTAM FILE SKA Not insp. **H-1C, L-13B**
RWY 05-23: H13899X200 (CONC) PCN 51 R/B/W/T HIRL CL **DIAP, AD**
RWY 05: ALSF1. TDZL. PAPI(P4L)—GA 3.0° TCH 51'. **RWY 23:** ALSF1. TDZL. PAPI(P4L). Rgt tfc.
MILITARY SERVICE: LGT Rwy 05 PAPI not coincidental with ILS/GS. Apc lighting system Rwy 05-23 NSTD. **JASU** (MA-1A) (A/M32A-86) (MC-1A) **FUEL J8 FLUID SP PRESAIR;** De-ice Not avbl for C5, C17; LPOX **OIL O-148-156**
JOAP TRAN ALERT Svc weekdays 1500-0700Z, weekends clsd. Ctc Base Ops not later than 15 minutes out for svc required. Fleet svc avbl. No potable water svc.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR includes scheduled AMC mission. 24 hr prior coordination required, use secure telephone when able. Base ops DSN 657-9593 (SECURE), DSN 657-5439, C509-247-5439. All inbound passenger/cargo acft must ctc Command Post no later than 30 min prior to ldg. AMC acft opr rstd during Bird Watch Condition Moderate (tkf or ldg permission only when dep/arr route avoid identified bird activity, no local IFR/VFR tfc pattern activity) and Severe (tkf and ldg prohibited without Operation Group Commander approval) ctc twr, PTD, Supervisor of Flying, or Command Post for current Bird Watch condition. Acft configured with explosives are not authorized. Cargo acft transporting explosives are authorized. First 1300' Rwy 23/last 1300' Rwy 05 rated poor. Use Twy F int for Rwy 23 dep unless mission requires full length. To max extent possible exit Twy F when ldf Rwy 05. Avoid ldg on first 1300' of Rwy 23 unless wx dictates use of instrument apch. Dur taxi acft are to use idle thrust and limit the use of reverse thrust when opr on first 1300' Rwy 23/last 1300' Rwy 05. Practice circling apch not authorized for tran acft. Parachute jumping activity Fri 2030-2130Z, Ellington Drop Zone, 5000' south of rwy. **CAUTION** Rwy edge lgts located 60' from outside of side stripe. Uncontrolled vehicles on all twys and ramps. Helicopter transition area located east of apch end Rwy 23 opr 400' and blo. Tran acft will not climb abv 3700' on dep during VFR conditions until the end of rwy unless specifically cleared by ATC. Do not mistake Spokane Intl 4.5 NM east for Fairchild AFB. Phase II (the high bird potential haz time period) of the Bird Aircraft Safety Hazard program is in effect annually from May to Oct. Rwy 05-23 overruns rated poor. **TFC PAT** TPA—Rectangular 3700 (1239), overhead 4200(1739). **MISC** Air Evac/Tran acft ctc PTD 20 minutes prior to arrival. Base OPS DSN 657-5435/9, C509-247-5435/9. CCAB depot input flights-ctc Expo ops (293.7) 30 minutes prior to arrival-for info call DSN 657-7100/7264. **ANG** Opr Mon-Fri 1515-2345Z, clsd weekend and holidays. PPR for ANG ramp DSN 657-7100/7264.
COMMUNICATIONS: SFA ATIS 257.625 PTD 130.0 372.2
® SPOKANE APP/DEP CON 133.35 263.0 (026°-204°) 123.75 282.25 (205°-025°)
TOWER 120.35 233.7 **END CON** 123.6 275.8
COMD POST (STRIKEHAWK) 311.0 321.0 **PMSV METRO** 234.8 Wx stn opr Mon-Thu 1300-1700Z. Fri hrs vary based on lcl flying, clsd weekend and hol. Full svc PMSV avbl via 25 OWS. AWOS in use. DSN 657-9010. C509-247-9010. Tran aircrew may ctc 25 OWS DSN 228-6598, or C520-228-6598 for wx briefing. When possible provide 2hr PN for all rqr briefings. **WASHINGTON ANG OPS** 293.7
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE SKA.
(L) TACAN SKA Chan 51 N47°36.64' W117°39.74' at fld. 2438/19E. No NOTAM MP Tue 1400-1700Z (2000/3+1).
 TACAN unusable:
 110°-220° byd 20 NM blo 7,000' 220°250° byd 30 NM blo 5,500'
 110°-220° byd 30 NM blo 9,500'
ILS 110.3 I-FRC Rwy 05. Back course unusable. No NOTAM MP Wed and Thu 1400-1700Z (2000/3+1).
ILS 110.3 I-SKA Rwy 23. Class IT. Back course unusable. No NOTAM MP Wed and Thu 1400-1700Z (2000/3+1).
COMM/NAV/WEATHER REMARKS: Acft rqr SFA notify Seattle Center or Spokane App Con 20 minutes out on any published frequency.

FELTS FLD (See SPOKANE)

FERRY CO (See REPUBLIC)

FIRSTAIR FLD (See MONROE)

FLOATHAVEN SPB (See BELLINGHAM)

FLY FOR FUN (See VANCOUVER)

FORKS (S18) 1 SW UTC-8(-7DT) N47°56.26' W124°23.76' **SEATTLE**

299 NOTAM FILE SEA

RWY 04-22: H2400X75 (ASPH) MIRL

RWY 04: REIL. Tree. **RWY 22:** REIL. Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. Wildlife on and invov arpt.

COMMUNICATIONS: CTAF 122.9

FORT LEWIS (See GRAY AAF)**FRIDAY HARBOR****FRIDAY HARBOR** (FHR) 0 SW UTC-8(-7DT) N48°31.32' W123°01.46'

SEATTLE

113 B S4 FUEL 100 LRA NOTAM FILE FHR

L-1E

RWY 16-34: H3402X75 (ASPH) S-12.5 MRL 0.8% up N

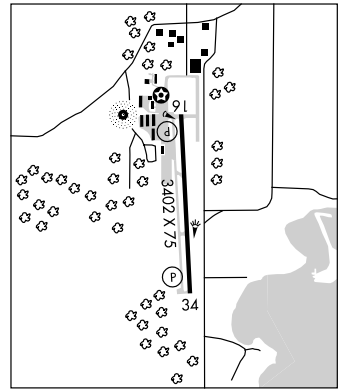
IAP

RWY 16: PAPI(P4R)—GA 4.0° TCH 38'. Building. Rgt tfc.**RWY 34:** REIL. PAPI(P4L)—GA 3.5° TCH 40'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1600-0100Z+. Fuel system self svc with credit card. Noise abatement procedures in effect ctc arpt manager 360-378-4724. Preferred Rwy 16 in calm wind conditions. Due to high concentration of tfc invof arpt recommend ldg lgts or forward visibility lgts turned on while utilizing arpt. Rwy 16 PAPI baffled W of centerline, lateral coverage has been narrowed to avoid obstacles during descent, maintain highest possible altitude and close alignment to rwy centerline. Acft in excess of 12,500 lbs charged fee based on weight and time of year—ctc arpt manager for information. Soft ground between tiedowns west parking area. Limited transient parking avbl during summer. **ACTIVATE MRL** Rwy 16-34 and REIL Rwy 34—CTAF. **ACTIVATE** rotating bcn—CTAF. Ldg fee—Acft in excess of 12,500 lbs charged, fee based on weight—ctc arpt manager for info.

WEATHER DATA SOURCES: ASOS 135.675 (360) 378-8491.**COMMUNICATIONS:** CTAF 128.25**(R) WHIDBEY APP/DEP CON** 118.2**RADIO AIDS TO NAVIGATION:** NOTAM FILE BLI.**WHATCOM (H) VORTACW** 113.0 HUH Chan 77 N48°56.72' W122°34.76' 195° 31.0 NM to fld. 83/20E.

HIWAS.

NDB (MHW) 284 FHR N48°31.61' W123°01.68' at fld. NOTAM FILE FHR.**FRIDAY HARBOR SPB** (W33) 0 NE UTC-8(-7DT) N48°32.24' W123°00.58'

SEATTLE

00 LRA NOTAM FILE SEA

WATERWAY 03-21: 10000X2000 (WATER)**WATERWAY 12-30:** 6000X1000 (WATER)

SEAPLANE REMARKS: Unattended. All tkfs should be performed N of Browns Island. Seaplanes ops warning lgts OTS indef. US customs user fee arpt. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF 128.25**GOHEEN** (See BATTLE GROUND)**GOLDENDALE** (S20) 1 NW UTC-8(-7DT) N45°49.93' W120°50.72'

SEATTLE

1678 B NOTAM FILE SEA

L-13A

RWY 07-25: H3491X40 (ASPH) S-4 MRL**RWY 07:** REIL. Fence.**RWY 25:** REIL. SAVASI (S2L). Thld dspld 330'. Trees.

AIRPORT REMARKS: Unattended. NSTD white line crosses rwy near Rwy 07 marking. NSTD white line crosses rwy near Rwy 25 marking.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE DLS.**CLICKITAT (H) VORW/DME** 112.3 LTJ Chan 70 N45°42.81' W121°06.05' 035° 12.9 NM to fld. 3220/21E.

HIWAS.

GRAND COULEE DAM (See ELECTRIC CITY)**GRANT CO** (See MOSES LAKE)

GRAY AAF (FORT LEWIS) (GRF)(KGRF) A (AR ARNG) 1 E UTC-8(-7DT) **SEATTLE**
 N47°04.75' W122°34.85' **H-1B, L-1D**
 300 B TPA—See Remarks Class I, ARFF Index Ltd. NOTAM FILE SEA Not insp. **DIAP, AD**
RWY 15-33: H6125X150 (ASPH) PCN 55 F/A/W/T HIRL
RWY 15: SSALR. PAPI. **RWY 33:** SSALR.
MILITARY SERVICE: FUEL J8—Ltd supply.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** 48 hr PPR transient acft, DSN 357-6628/5998, C253-967-6628/5998. **CAUTION** High volume of personnel/vehicles with negative radio communication on ground control crossing Twy G and Twy H. Numerous small arms 0.8 NM E of afld. **TFC PAT** TPA—E/W tfc, multi-engine fixed wing 1500(1200), single engine fixed wing 1300(1000), rotary wing 1000(700). Unmanned aerial vehicles 1000(700), west tfc only. **MISC** Special VFR Day fixed wing 700-1, rotary wing 300-½. Night fixed wing not authorized, rotary wing 500-1. Acft conducting tactical opr on Fort Lewis military reservation ctc OPS prior to opr. Ctc Gray tfc on CTAF when twr closed. No hangar for transient acft. Runway condition reading will be reported Mon-Fri, 1500-2300Z± via NOTAM and ATIS during inclement winter weather. WX observation visibility is limited to 2 SM in some directions. Wx observation automated by AN/FMQ-19, WX observation augmented/backup as required. Twy E unusable to C-17 and larger acft. East ramp parking limited to C-12/UC-35/C-21 and smaller acft. **AR** Ctc OPS DSN 357-3036, C253-967-3036. **ARNG** Opr Tue-Fri 1430-0100Z± except holidays. Transient alert not avbl. Ltd parking. PPR for acft rq fuel and parking, DSN 323-3805, C253-912-3805.
COMMUNICATIONS: CTAF 119.325 ATIS 124.65 306.2 **BULLSEYE RADIO** 34.6 Opr continuously, exc holidays
SEATTLE APP/DEP 120.1 290.9
TOWER 119.325 256.8 276.4 (continuous, except holidays) **GND CON** 121.9 290.2 **CLNC DEL** 121.9 290.2
PMSV METRO 134.1 38.45 Full svc continuous, except holidays. Full svc may vary with local flight schedule. WX briefings for transient air crews avbl from 25 Operational Weather Squadron, Davis-Monthan AFB, DSN 228-6598) **OPS** 32.30 138.6 **AR OPS** 36.10 **ARNG OPS** 32.6
AIRSPACE: CLASS D svc continuous, except holidays, other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE GRF
LACOMAS NDB (MHW) 328 LAC N47°00.48' W122°33.39' 329° 4.4 NM to fld. Unmonitored holidays.
GRAYE NDB (MHW/LOM) 216 GR N47°09.02' W122°36.28' 149° 4.4 NM to fld. Unmonitored holidays.
ILS/DME 108.3 I-GRF Chan 20 Rwy 15. LOM GRAYE NDB Unmonitored holidays.
PAR Opr Mon-Fri 1600-0759Z± except federal holidays.
COMM/NAV/WEATHER REMARKS: All rotary wing acft ctc Bullseye Radio prior to entry R6703A-D.

GRAYE N47°09.02' W122°36.28'. NOTAM FILE GRF. **SEATTLE**
NDB (MHW/LOM) 216 GR 351° 7.2 NM to Tacoma Narrows. Unmonitored holidays. **L-1D**

GREENWATER

RANGER CREEK (21W) 10 SE UTC-8(-7DT) N47°00.77' W121°32.02' **SEATTLE**
 2650 NOTAM FILE SEA
RWY 15-33: H2875X30 (ASPH)
RWY 15: Trees. **RWY 33:** Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED Oct 1 to Jun 1. Pedestrians, vehicles and animals invov rwy. Rwy 15-33 pavement has cracks and loose rocks on rwy. USFS campgrounds east and north of rwy.
COMMUNICATIONS: CTAF 122.9

GROVE FLD (See CAMAS)

HARVEY FLD (See SNOHOMISH)

HOQUIAM N46°56.82' W124°08.96' NOTAM FILE HQM. **SEATTLE**
(H) VORTACW 117.7 HQM Chan 124 062° 8.9 NM to Bowerman. 10/19E. **HIWAS.** **H-1A, L-1D**
RCO 122.2 (SEATTLE RADIO)

HOQUIAM**BOWERMAN** (HQM) 2 W UTC-8(-7DT) N46°58.27' W123°56.19'

SEATTLE

18 B S4 FUEL 100LL, JET A1+ LRA NOTAM FILE HQM

H-1A, L-1D

RWY 06-24: H5000X150 (ASPH) S-30, D-40, DT-80 HIRL

IAP

RWY 06: REIL. VASI(V4R)—GA 3.0° TCH 52'. Tree. Rgt tfc.

RWY 24: MALSR. VASI(V4L)—GA 3.0° TCH 50'.

AIRPORT REMARKS: Attended Mon-Fri 1700-0100Z†. 100LL avbl 24 hrs

a day with Credit Card. For Jet A call 360-533-6655 between

1700-0100Z† or call 360-310-0201 between 0100-1700Z†.

Flocks of waterfowl on and in vicinity of arpt. Service road south of

rwy in primary surface. Ultralights prohibited without written

permission from arpt manager. ACTIVATE HIRL Rwy 06-24, MALSR

Rwy 24 and REIL Rwy 06—CTAF.

WEATHER DATA SOURCES: ASOS 135.775 (360) 538-7021. HIWAS 117.7

HQM.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.2 (SEATTLE RADIO)

SEATTLE CENTER APP/DEP CON 128.3

AIRSPACE: CLASS E svc 1400-0600Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE HQM.

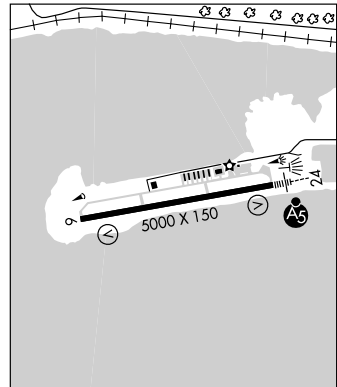
HOQUIAM (H) VORTACW 117.7 HQM Chan 124 N46°56.82'

W124°08.96' 062° 8.9 NM to fld. 10/19E. HIWAS.

ABERN NDB (LOM) 236 HQ N46°59.26' W123°47.86' 241° 5.8

NM to fld. LOM unusable 150°-180° byd 10 NM.

ILS/DME 108.7 I-HQM Chan 24 Rwy 24 LOM ABERN NDB. LOM unusable 150°-180° byd 10 NM.

**HOSKINS FLD** (See OLYMPIA)**ILWACO****PORT OF ILWACO** (7W1) 2 E UTC-8(-7DT) N46°18.90' W124°00.23'

SEATTLE

13 B NOTAM FILE SEA

RWY 10-28: H2080X50 (ASPH) S-5 MIRL

RWY 10: Road RWY 28: PAPI(P2L)—GA 4.0°. Thld displcd 300'. Road.

AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 10-28—CTAF.**COMMUNICATIONS:** CTAF 122.9**IONE MUNI** (S23) 2 S UTC-8(-7DT) N48°42.48' W117°24.78'

SEATTLE

2108 B NOTAM FILE SEA

L-13B

RWY 15-33: H4059X45 (ASPH) MIRL

RWY 15: Fence. RWY 33: PAPI(P2L)—GA 3.0° TCH 35'. Road.

AIRPORT REMARKS: Unattended. Wildlife invof rwy. MIRL Rwy 15-33 pilot controlled lighting med and high ints out of svc indefinitely. ACTIVATE MIRL Rwy 15-33—CTAF.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE GEG

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90' W117°37.61' 346° 69.2 NM to fld. 2755/21E.

HIWAS.

NDB (MHW) 379 ION N48°42.61' W117°24.82' at fld. NOTAM FILE SEA. VFR use only.

.

HELIPAD H1: H60X60 (CONC) MIRL

JEFFERSON CO INTL (See PORT TOWNSEND)**JUMP-OFF-JOE** N46°06.24' W119°07.92'

SEATTLE

RCO 122.4 (SEATTLE RADIO)

L-13A

KAHLOTUS**LOWER MONUMENTAL STATE** (WØ9) 5 S UTC-8(-7DT) N46°33.03' W118°32.18'

SEATTLE

813 NOTAM FILE SEA

RWY 01-19: 3300X50 (GRVL)

RWY 01: Tower. RWY 19: P-line.

AIRPORT REMARKS: Unattended. CLOSED Oct 1 thru Jun 1. Multiple power lines 0.4 mi NNE of arpt. Rwy marked with retro reflective devices. Rwy 01-19 has steep canyon walls N, E and S. Pedestrians, vehicles and animals on or invof rwy. Contact Washington State Aviation Division 360-651-6300 or 1-800-552-0666 for facility information prior to using.**COMMUNICATIONS:** CTAF 122.9

KELSO N46°09.33' W122°54.76' NOTAM FILE KLS
NDB (MHW) 256 LSO 144° 2.3 NM to Southwest Washington Rgnl.
 NDB unusable 020°–120°, 120°–180° byd 15 NM, 180°–340° byd 10 NM.

SEATTLE

KELSO

SOUTHWEST WASHINGTON RGNL (KLS) 2 SE UTC–8(–7DT) N46°07.08' W122°53.90'

SEATTLE

20 B S4 **FUEL** 100LL, JET A LRA NOTAM FILE KLS

L-1C

RWY 12–30: H4391X100 (ASPH) S–38, D–46, DT–74 MIRL (NSTD)

IAP

RWY 12: REIL. PAPI(P4L)—GA 4.0° TCH 37'. Trees. Rgt tfc.

RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended Winter 1600–0100Z†, Summer 1600–0200Z†. 24 hr self-service credit card fuel facility. Numerous flocks of birds on and invof arpt. Rwy 12–30 NSTD spacing MIRL. ACTIVATE MIRL Rwy 12–30—CTAF. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: AWOS–3 135.075 (360) 577–1964.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.25 (SEATTLE RADIO)

RCO 122.55 (SEATTLE RADIO)

Ⓡ **SEATTLE CENTER APP/DEP CON** 124.2

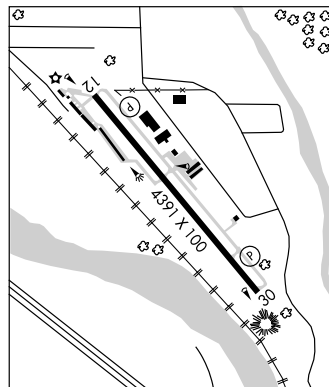
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87' W122°35.49' 309° 25.7 NM to fld, 253/21E.

KELSO NDB (MHW) 256 LSO N46°09.33' W122°54.76'

144° 2.3 NM to fld. NOTAM FILE KLS.

NDB unusable 020°–120°, 120°–180° byd 15 NM, 180°–340° byd 10 NM.

**KENMORE AIR HARBOR SPB** (See SEATTLE)

KENMORE AIR HARBOR INC SPB (S60) 1 S UTC–8(–7DT) N47°45.29' W122°15.56'

SEATTLE

14 S4 **FUEL** 100LL, JET A LRA NOTAM FILE SEA

WATERWAY 16–34: 1000X1000 (WATER)

WATERWAY 18–36: 3000X1000 (WATER)

SEAPLANE REMARKS: Attended dawn–dusk. Unlighted crane 75' AGL and pilings 6' above water Waterway 18 8 buoys mark 5 miles per hour speed limit area. Landing zone–unlgt; seaplanes exempt from 5 miles per hour speed limit. Surface watercraft entering operating area from within channel E of waterway 16–34. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF/UNICOM 122.7

KENNEWICK

VISTA FLD (S98) 3 NW UTC–8(–7DT) N46°13.12' W119°12.60'

SEATTLE

534 B S4 **FUEL** 100LL, JET A TPA–1334 (800) NOTAM FILE SEA

L-13A

RWY 02–20: H4008X150 (ASPH) S–26 MIRL

RWY 02: PAPI(P2L). P–line. **RWY 20:** PAPI(P2L). Pole.

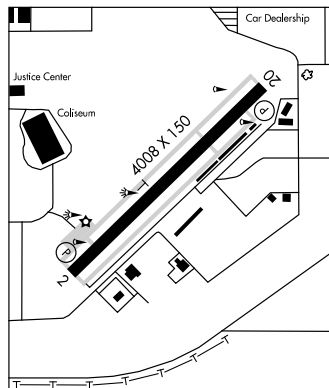
AIRPORT REMARKS: Attended Mon–Sat 1600–0200Z†. Use Rwy 02 when wind 5 knots or less. ACTIVATE MIRL Rwy 02–20—CTAF. Parachute Jumping.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.

PASCO (L) VORW/DME 108.4 PSC Chan 21 N46°15.78'

W119°06.94' 216° 4.8 NM to fld. 400/20E.



KENT**CREST AIRPARK** (S36) 5 SE UTC-8(-7DT) N47°20.23' W122°06.21'

SEATTLE

472 B S4 FUEL 100LL TPA-1472(1000) NOTAM FILE SEA

L-10

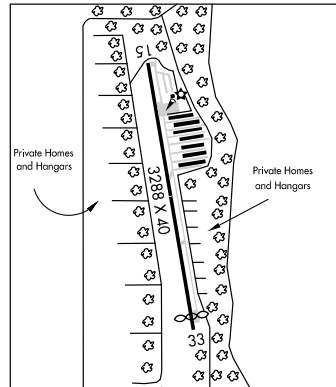
RWY 15-33: H3288X40 (ASPH) S-12 LIRL

RWY 15: Trees. RWY 33: Thld dspcd 281'. Trees.

AIRPORT REMARKS: Attended Apr-May Sep-Oct 1600-0230Z†, Jun-Aug 1600-0330Z†, Nov-Mar 1600-0130Z†. 24 hr credit card fuel avbl. Arpt CLOSED when snow on rwy. Night ops use Rwy 15, wind and weather permitting. Trees on both sides of Rwy 15-33.

COMMUNICATIONS: CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE SEA.**SEATTLE (H) VORTACW** 116.8 SEA Chan 115 N47°26.12'

W122°18.58' 106°10.3 NM to fld. 354/19E.

**KITSAP** N47°29.54' W122°45.40' NOTAM FILE PWT.

SEATTLE

NDB (MHW) 206 PWT at Bremerton National.

L-10

NDB unusable 210°-310° byd 12 NM.

Klickitat N45°42.81' W121°06.05' NOTAM FILE DLS.

SEATTLE

(H) VORW/DME 112.3 LTJ Chan 70 185° 6.4 NM to Columbia Gorge Rgnl/The Dalles Muni.

H-18, L-13A

3220/21E. HIWAS.

LACOMAS N47°00.48' W122°33.39'. NOTAM FILE GRF.

SEATTLE

NDB (MHW) 328 LAC 339° 15.6 NM to Tacoma Narrows. Unmonitored holidays.

L-10

LAKE CHELAN (See CHELAN)**LAKE WENATCHEE STATE** (See LEAVENWORTH)**LANGLEY****WHIDBEY AIR PARK** (W10) 2 SW UTC-8(-7DT) N48°01.05' W122°26.26'

SEATTLE

271 NOTAM FILE SEA

RWY 16-34: H2470X25 (ASPH)

RWY 16: Hill. RWY 34: Tree.

AIRPORT REMARKS: Unattended.**COMMUNICATIONS:** CTAF 122.9**LAURIER****AVEY FLD STATE** (69S) 2 SW UTC-8(-7DT) N48°59.90' W118°13.36'

SEATTLE

1655 LRA NOTAM FILE SEA

RWY 17-35: 1975X40 (GRVL)

RWY 17: Trees. RWY 35: Trees.

AIRPORT REMARKS: Unattended. CLOSED yearly 1 Oct-1 June. Vehicles, pedestrians and animals on and in vicinity of rwy. Rwy marked with retro-reflective devices. Shoulders very soft and rough both sides of rwy. Ctc Washington State Division of Aeronautics 360-651-6300 or 1-800-552-0666 for facility information prior to use. Canadian and U.S. customs available on hwy to the west. U.S. based acft should park on the U.S. side of ramp (south) and Canadian based acft should park on north side of ramp.

COMMUNICATIONS: CTAF 122.9

MANSFIELD (8W3) 0 E UTC-8(-7DT) N47°48.56' W119°38.22'

SEATTLE

2272 B NOTAM FILE SEA

RWY 03-21: H2570X46 (ASPH) MIRL

RWY 03: Pole. RWY 21: Road.

AIRPORT REMARKS: Unattended. Possible turbulence from grain elevators N side of arpt.

COMMUNICATIONS: CTAF 122.9

MARTIN FLD (See COLLEGE PLACE)

MASON CO N47°14.89' W123°05.18'. NOTAM FILE SHN.

SEATTLE

NDB (MHW) 348 MNC 232° 2.7 NM to Sanderson Fld. Unmonitored.

L-10

NDB unusable 280°-340°beyond 20 NM.

MATTAWA
DESERT AIRE (M94) 3 SW UTC-8(-7DT) N46°41.24' W119°55.18'

SEATTLE

586 B NOTAM FILE SEA

L-13A

RWY 10-28: H3665X34 (ASPH) MIRL

RWY 10: Building. RWY 28: PAPI(P2L) GA 4.0° TCH 45'. Ground. Rgt tfc.

AIRPORT REMARKS: Unattended. Rwy 10 preferred low wind rwy (less than 5 kts). No touch and go landings prior to 0800. Noise abatement take-off procedure posted at arpt. Twy marked with retro-reflective devices. ACTIVATE MIRL Rwy 10-28 and rotating bcn-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.

MOSES LAKE (H) VOR/DME 115.0 MWH Chan 97 N47°12.65' W119°19.01' 200° 40 NM to fld.
1194/18E.

MAZAMA
LOST RIVER RESORT (W12) 5 NW UTC-8(-7DT) N48°38.98' W120°30.12'

SEATTLE

2415 NOTAM FILE SEA

RWY 11-29: 3150X85 (TURF-GRVL)

RWY 11: Road. Rgt tfc. RWY 29: Road.

AIRPORT REMARKS: Unattended. CAUTION: Watch for vehicles on rwy. Arpt CLOSED 1 Nov thru 1 Apr. Rwy 29 white arrow in clear areas approximately 100' from thld.

COMMUNICATIONS: CTAF 122.9

MC CHORD AFB (TCM)(KTCM) AF 3 S UTC-8(-7DT) N47°08.26' W122°28.59' **SEATTLE**
 322 B TPA—See Remarks AOE Class I, ARFF Index Ltd. NOTAM FILE SEA Not insp. **H-1B, L-1D**
Rwy 16-34: H10108X150 (ASPH-CONC-GRVD) S-155, D-220, DT-390, DDT-800 **DIAP, AD**
 PCN 55 R/B/W/T HIRL (NSTD) CL
Rwy 16: ALSF1. PAPI(P4L). 0.4% up. **Rwy 34:** ALSF2. TDZL. PAPI(P4R). Rgt tfc.
Rwy 160-340: H3000X60 (ASPH) ST-175
ARRESTING GEAR/SYSTEM
Rwy 16 ← HOOK E5 (240' OVRN) HOOK BAK-12B(B) (2450')
 HOOK BAK-12B(B) (1668') HOOK E5 (102' OVRN) → **Rwy 34**
MILITARY SERVICE: LGT Visual TCH set for height group 3 acft only. Rwy 16-34 center 72' thld lgt removed. PAPI GS not coincidental with ILS GS. AMP-1/AMP-3 Overt/Covert assault strip lights installed in middle 5000' Rwy 16-34. **A-GEAR** When Rwy 16-34 activated, apch end E5 is removed. Rwy 16-34 BAK-12B 30 minute prior notice rqr to connect cable. **JASU** (MD-3M) 1(MD-3) 1(MA-1A) (AM32A-60) 1(MC-11) **FUEL J8 FLUID SP PRESAIR** De-ice—Expect 3 hr delay. **LHOX LOX OIL O-128-133-148-156 SOAP.** SOAP results rqr 24 hr, weekdays (1530-0030Z) except holidays, results not avbl other times. Tran acft req SOAP will arrive with historical engine SOAP data for trend analysis. **TRAN ALERT** Opr 24 hr. Delays can be expected. Parking limited.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR includes scheduled AMC missions due to limited ramp space, tran acft parking extremely ltd. 24 hr prior coordination req, Base OPS DSN 382-5611, C253-982-5611. All inbound acft must ctc Command Post no later than 30 min prior to ldg. AMC acft opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when dep/arr route avoid identified bird activity, no local IFR/VFR tfc pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), etc PTD/ATIS/Command Post for current Bird Watch Condition. Tran aircrews conducting local area low-level training missions must receive local procedure/rstd briefing from 62 OSS/OSK at DSN 382-3615, C253-982-3615. **CAUTION** When performing pre-tkf engine runup, align acft so that debris is not blown toward ADTAC alert hangar or adjacent acft parking ramp. During VFR conditions, acft making low apch, normal tkf, touch and go ldg, or missed apch remain at or below 1800' until dep end of the rwy. Bird hazard. South end rwy not visible from official wx station obsn point. When fog/low clouds are present over apch end Rwy 34, condition report from obsn point may not be representative. **TFC PAT** Before ldg maintain tfc pattern altitude commensurate with safety as long as practicable. TPA—Rectangular 1800' (1478) overhead 2300' (1978). **MISC** Aircrews notify PTD anytime they plan to delay in local IFR pattern on separate clearance prior to or departure on filed flt plan. Base OPS DSN 382-5611, C253-982-5611. South 1000' Rwy 16-34 is concrete, rwy is grvd. Afld wx monitored by the AN/FMQ-19 Automated Observing System and augmented by human observer when wx flt fcst on duty. DSN 312-382-3434/5005 C 253-982-3434/5005. Opr Wx Squadron 25 OWS, Davis-Monthan AFB. DSN 312-228-6596/6599 C 520-228-6598/6599. Toll free 1-877-451-8367.
COMMUNICATIONS: SFA **D-ATIS** 109.6 270.1 (DSN 382-2847 C 253-982-2847.) **PTD** 372.2
(R) SEATTLE APP/DEP CON 126.5 391.9
TOWER 124.8 259.3 109.6T **GND CON** 118.175 279.65
COMD POST 134.1 349.4 (134.1 Commercial contract acft only) **PMSV METRO** 342.3 PMSV svc avbl only when wx flt fcst on duty. Wx obsn avbl H24 via automated obsn sys. Wx flt fcst on duty normal wing flying hrs and msn C-17 limiting criteria DSN 253-382-3434, C253-982-3434. During wx flt closures remote briefing svc avbl from 25 Op Wx Flt Squadron DSN 312-228-6598/6599/6588.
 Unusable 095°-102° byd 34 NM bldo 9400'.
RADIO AIDS TO NAVIGATION: NOTAM FILE TCM.
(T) VORTAC 109.6 TCM Chan 33 N47°08.86' W122°28.50' at fld. 284/22E. No NOTAM MP Thu 0700-1400Z. VOR unusable 235°-325° byd 10 NM.
ILS 109.9 I-MAR Rwy 16. Back course unusable. No NOTAM MP Wed and Fri 0700-1400Z.
ILS X 108.5 I-TCM Rwy 34. Back course unusable. Rwy 34 localizer critical area not protected. No NOTAM MP Wed and Fri 0700-1400Z.
ILS Y 108.5 I-TCM Rwy 34. Back course unusable. Rwy 34 localizer critical area not protected. No NOTAM MP Wed and Fri 0700-1400Z.

MEAD FLYING SERVICE (70S) 1 N UTC-8(-7DT) N47°47.23' W117°21.49' **SEATTLE**
 1905 TPA—2505(600) NOTAM FILE SEA
Rwy 16-34: H2481X30 (ASPH)
Rwy 16: Trees. **Rwy 34:** Trees
AIRPORT REMARKS: Attended continuously. No winter maintenance.
COMMUNICATIONS: CTAF 122.9

MEARS FLD (See CONCRETE)

METALINE FALLS**SULLIVAN LAKE STATE** (Ø9S) 3 SE UTC-8(-7DT) N48°50.45' W117°17.04'

SEATTLE

2614 NOTAM FILE SEA

RWY 16-34: 1765X150 (TURF)

RWY 16: Trees.

RWY 34: Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Oct-1 June. Pedestrians, vehicles and animals on and in vicinity of rwy. Watch for ground squirrel holes in rwy. Rwy 16-34 surface rough. For rwy conditions prior to use call 360-651-6300 or 1-800-552-0666. Ground drops rapidly beyond Rwy 16-34 ends.

COMMUNICATIONS: CTAF 122.9**METHOW VALLEY STATE** (See WINTHROP)**MONROE****FIRSTAIR FLD** (W16) 2 NW UTC-8(-7DT) N47°52.28' W121°59.72'

SEATTLE

50 S4 FUEL 100 NOTAM FILE SEA

RWY 07-25: H2087X34 (ASPH)

RWY 07: Tree. Rgt tfc.

RWY 25: Thld dspcd 500'. Pole.

AIRPORT REMARKS: Attended Oct-Mar 1700Z±-dark, Apr-Sept 1700-0300Z±. Parachute Jumping. Transient tie downs have no ropes—pilots must supply own. Additional transient parking avbl SE corner of rwy. Rwy 25 acft parked in primary surface.

COMMUNICATIONS: CTAF 122.9**MORTON****STROM FLD** (39P) 0 SE UTC-8(-7DT) N46°33.02' W122°16.00'

SEATTLE

941 B NOTAM FILE SEA

RWY 07-25: H1810X40 (ASPH) MIRL

RWY 07: Thld dspcd 200'. Trees.

RWY 25: Trees.

AIRPORT REMARKS: Unattended. Trees near Rwy. Deer and elk on and invof rwy. ACTIVATE MIRL Rwy 07-25—CTAF. ACTIVATE rotating bcn—CTAF.

COMMUNICATIONS: CTAF 122.9**MOSES LAKE** N47°12.65' W119°19.01' NOTAM FILE MWH.

SEATTLE

(H) VORW/DME 115.0 MWH Chan 97 at Grant Co. Intl. 1194/18E.

H-18, L-13A

RCO 122.4 (SEATTLE RADIO)

MOSES LAKE**GRANT CO INTL** (MWH) 5 NW UTC-8(-7DT) N47°12.52' W119°19.15'**SEATTLE**1189 B S4 FUEL 100, 100LL, JET A1 OX 1 ARFF Index—See Remarks NOTAM FILE MWH H-1B, L-13A
RWY 14L-32R: H13503X200 (ASPH-CONC-GRVD) S-85, D-155, ST-175, DT-320, DDT-600 IAP, AD

HIRL (NSTD)

RWY 14L: REIL. VASI(V6L)—GA 3.0° TCH 52'. Bldg.

RWY 32R: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc.

RWY 04-22: H10000X100 (ASPH-CONC-GRVD) S-75, D-100,
ST-127, DT-175, DDT-475 MIRL

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 50'. 0.4% down.

RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 50'. Rgt. tfc. 0.3% up

RWY 09-27: H3500X90 (CONC-GRVD) S-100, D-150, DT-270,

DDT-475 RWY LGTS (NSTD) 0.3% up NW

RWY 27: Rgt tfc.

RWY 18-36: H3327X75 (ASPH) S-75, D-170, ST-175, DT-300,

DDT-400 MIRL

RWY 18: Rgt tfc.

RWY 14R-32L: H2936X75 (CONC) S-100, D-200, ST-175,

DT-400, DDT-400

RWY 14R: Ground. Rgt tfc.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04	14L-32R	4700
RWY 14L	04-22	7550
RWY 22	14L-32R	4650
RWY 32R	04-22	5050

AIRPORT REMARKS: Attended continuously. Rwy 09-27 CLOSED except military ops. Rwy 14R-32L is CLOSED to all night ops except taxiing. Rwy 14L-32R is CLOSED nights 0600-1400Z except for special military night training operations. Flocks of large birds in vicinity of arpt. Class I, ARFF Index A. PPR for air carrier ops with more than 30 passenger seats 0600-1400Z or for additional ARFF index level svc call arpt manager 509-762-5363/5304. Rwy 09-27 used as assault strip by C-17 acft. Rwy 09-27 and Twy F not visible from the twr. Rwy 18-36 available as air carrier twy movement area only. Rwy 09-27 military landing zone lights only. Rwy distance markers Rwy 14L-32R and Rwy 04-22. Rwy 14L-32R first 10,000' apch end of Rwy 32R grvd 150' wide. Twy G unlighted. Extensive heavy military jet acft night training 1900 PM-0300 AM local daily. Announce landing intentions on CTAF after twr closed. Heavy jet training surface to 5000' within 25 miles of arpt, possible wake turbulence from larger acft using Rwy 14L-32R. Rwy 14L-32R NSTD HIRL located 50' from rwy edge markings. ACTIVATE MALSR Rwy 32R—CTAF.

WEATHER DATA SOURCES: ASOS (509) 762-5082. LAWRS.**COMMUNICATIONS:** CTAF 118.25 ATIS 119.05 UNICOM 122.95

MOSES LAKE RCO 122.4 (SEATTLE RADIO)

① APP/DEP CON 126.4 134.35 (1400-0600Z) SEATTLE CENTER APP/DEP CON 126.1 (0600-1400Z)

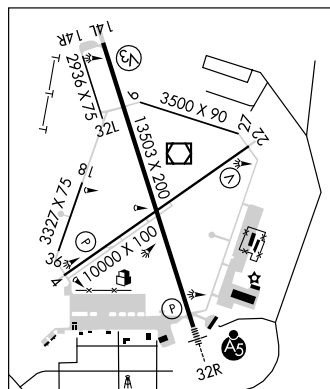
TOWER 128.0 (WEST) 118.25 (EAST) (1400-0600Z) GND CON 121.9

AIRSPACE: CLASS D svc 1400-0600Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MWH.

MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47°12.65' W119°19.01' at fld. 1194/18E.

PELLY NDB (MHW/LOM) 408 MW N47°06.94' W119°16.47' 324° 5.9 NM to fld. Unmonitored when tower closed.

ILS 109.5 I-MWH Rwy 32R. Class IE LOM PELLY NDB. Unmonitored when tower closed.

**MOSES LAKE MUNI** (W20) 2 NE UTC-8(-7DT) N47°08.52' W119°14.27'**SEATTLE**

1203 B S4 FUEL 100LL NOTAM FILE SEA

RWY 16-34: H2513X50 (ASPH) S-8 MIRL

RWY 16: PAPI (P2L)—GA 3.0° Thld dsplcd 466'. Tree.

RWY 34: PAPI (P2L)—GA 3.0°. Thld dsplcd 253'. Rgt tfc.

AIRPORT REMARKS: Attended 1600-0100Z. Fuel avbl only Mon-Fri 1600-0100Z. Extensive ultralight traffic using 500' pattern. Extensive agriculture opr in progress. Bird hazard. Agricultural ops traffic and ultralight traffic on field. Ultralight opr requested to obtain airport safety briefing from airport management prior to initial use of airport.

COMMUNICATIONS: CTAF/UNICOM 123.0**MT CONSTITUTION** N48°40.79' W122°50.48'**SEATTLE**

RCO 122.3 (SEATTLE RADIO)

L-10

MT VERNON (See BURLINGTON/MT VERNON)

NOLLA N47°37.95' W122°23.37'. NOTAM FILE BFI.
NDB (LOM) 362 BF 130° 7.1 NM to Boeing Fld/King Co Intl.

SEATTLE
 L-10

OAK HARBOR

AJ EISENBERG (OKH) 3 SW UTC-8(-7DT) N48°15.09' W122°40.42'

SEATTLE
 L-1E
 IAP

193 B S2 **FUEL** 100LL, MOGAS NOTAM FILE 76S

RWY 07-25: H3265X25 (ASPH) S-5 LIRL (NSTD) 1.6% up E

RWY 07: PAPI(P2L)—GA 4.5°. Thld dspcd 507'. Fence. Rgt tfc.

RWY 25: PAPI(P2L)—GA 4.5°. Trees.

AIRPORT REMARKS: Unattended. Rwy 07-25 NSTD LIRL only W 2620' rwy lgtd. Rwy 07-25 severely cracked, spalling in some areas. PPR for Ultralights and Gliders ctc arpt manager phone 360-929-6802 or 1-866-429-2132. **ACTIVATE NSTD LIRL** Rwy 07-25—CTAF. PAPI Rwy 07 and Rwy 25 opr 24 hrs.

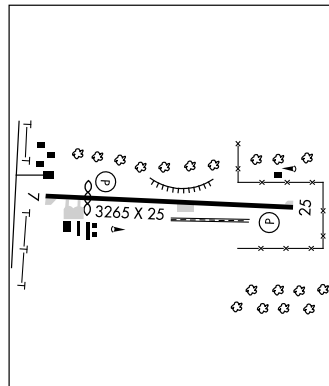
WEATHER DATA SOURCES AWOS-3 132.775 (360) 675-8431

COMMUNICATIONS: CTAF/UNICOM 122.8 ATIS 134.15 (Thru Whidbey Island NAS/Ault Fld)

Ⓡ **WHIDBEY APP/DEP CON** 118.2

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

PENN COVE (L) VORW/DME 117.2 CVV Chan 119 N48°14.68' W122°43.47' 060° 2.1 NM to fld. 200/19E.



OCEAN SHORES N47°00.49' W124°09.33'
 RCO 122.4 (SEATTLE RADIO)

SEATTLE
 L-10

OCEAN SHORES MUNI (W04) 2 NE UTC-8(-7DT) N46°59.95' W124°08.54'

SEATTLE
 L-10

13 B NOTAM FILE SEA

RWY 15-33 H3100X50 (ASPH) S-12.5 LIRL

RWY 15: SAVASI(S2L)—GA 3.5° TCH 22'.

RWY 33: SAVASI(S2L)—GA 3.5° TCH 22'. Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED SS to SR. Seabirds in safety and taxi areas and adjacent wetlands. Rwy 15-33 has asph 50' wide with 12.5' grvl shoulders. Parking ramp loose gravel on surface. Twys very soft when wet. **ACTIVATE LIRL** Rwy 15-33 and SAVASI Rwy 15 and Rwy 33—122.8.

COMMUNICATIONS: CTAF 122.9

RCO 122.4 (SEATTLE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.

HQWAM (H) VORTACW 117.7 HQM Chan 124 N46°56.82' W124°08.96' 346° 3.1 NM to fld. 10/19E. HIWAS.

ODESSA MUNI (43D) 1 N UTC-8(-7DT) N47°20.85' W118°40.63'

SEATTLE
 L-13A

1737 B NOTAM FILE SEA

RWY 02-20: H3125X60 (ASPH) S-5 MIRL

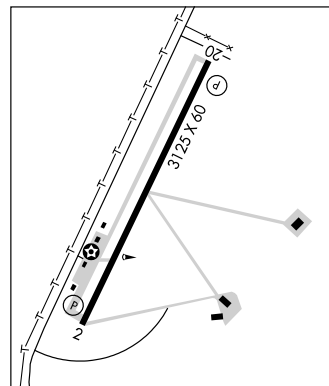
RWY 02: PAPI(P2L). **RWY 20:** PAPI(P2L). Brush.

AIRPORT REMARKS: Unattended. **ACTIVATE MIRL** Rwy 02-20 and rotating bcu—122.8.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68' W119°25.44' 072° 30.5 NM to fld. 1250/21E.



OKANOGAN LEGION (S35) 1 E UTC-8(-7DT) N48°21.72' W119°34.05'

SEATTLE

1042 B S2 FUEL 100LL NOTAM FILE SEA

L-13A

RWY 04-22: H2533X36 (ASPH) S-6 MIRL

RWY 22: Rgt tfc.

AIRPORT REMARKS: Unattended. Fuel by request, call 509-429-2597,

206-915-4433, 509-422-3071, 509-322-4710. ACTIVATE

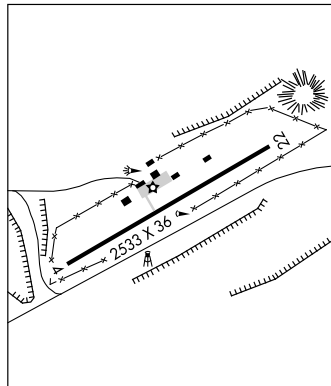
MIRL Rwy 04-22 CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90'

W117°37.61' 281° 91.7 NM to fld. 2755/21E. HIWAS.

**OLYMPIA****HOSKINS FLD** (44T) 5 SE UTC-8(-7DT) N46°59.56' W122°49.66'

SEATTLE

213 NOTAM FILE SEA

RWY 07-25: 2015X116 (TURF)

RWY 07: Trees.

RWY 25: Trees.

AIRPORT REMARKS: Unattended. No helicopters. No ultralights. Noise abatement procedures in effect; call arpt manager 360-491-6723. Geese and ducks on and invof arpt. Mole hills west end. Recommend land Rwy 07, depart 25 when wind condition permits. Rwy 07-25 no line of sight between rwy ends.

COMMUNICATIONS: CTAF 122.9

OLYMPIA RGNL (OLM) 4 S UTC-8(-7DT) N46°58.16' W122°54.15'

SEATTLE

209 B S4 FUEL 80, 100, 100LL, JET A OX 1, 3, 4 LRA NOTAM FILE OLM

H-1B, L-1D

RWY 17-35: H5501X150 (ASPH-GRVD) S-75, D-94, ST-87, DT-142 HIRL

IAP, AD

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 54'.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Rgt tfc.

RWY 08-26: H4157X150 (ASPH) S-30

RWY 08: Rgt tfc.

RWY 26: Tree.

AIRPORT REMARKS: Attended 1600-0200Z±. Twy lgts on Twy W, Twy A, Twy G, Twy L and Twy B. When twr clsd ACTIVATE HIRL Rwy 17-35, MALSR Rwy 17, PAPI Rwy 17 and Rwy 35, REIL Rwy 35, twy lgts and directional signage—CTAF. Landing fee.

WEATHER DATA SOURCES: ASOS 135.725 (360) 943-1278. HIWAS 113.4 OLM.

COMMUNICATIONS: CTAF 124.4 ATIS 135.725 UNICOM 122.95

® SEATTLE APP/DEP CON 121.1

TOWER 124.4 (1600-0400Z±) GND CON 121.6

AIRSPACE: CLASS D svc 1600-0400Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.

(H) VORTACW 113.4 OLM Chan 81 N46°58.30'

W122°54.11' at fld. 200/19E. HIWAS.

DME unusable:

223°-258° byd 20 NM blo 4,100'

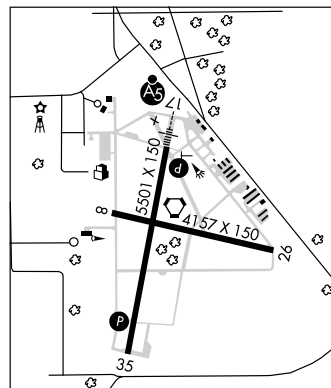
258°-283° byd 30 NM blo 4,100'

358°-043° byd 10 NM blo 6,000'

358°-043° byd 20 NM blo 7,000'

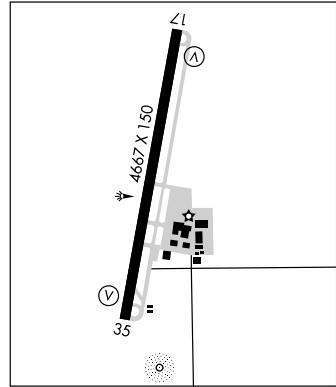
ILS 111.9 I-OLM Rwy 17. Unmonitored during hours twr closed. LOC unusable byd 25° right of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



OMAK (OMK) 3 N UTC-8(-7DT) N48°27.87' W119°31.08'
 1305 B S4 FUEL 100LL, JET A NOTAM FILE OMK
 RWY 17-35: H4667X150 (ASPH) S-75, D-200, DT-400 HIRL
 RWY 17: REIL. VASI(V2L)—GA 3.0° TCH 43'.
 RWY 35: REIL. VASI(V2L)—GA 3.0° TCH 46'.
AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. Fuel avbl 24
 hrs—credit card. ACTIVATE HIRL Rwy 17-35—CTAF.
WEATHER DATA SOURCES: ASOS 118.325 (509) 826-2655.
COMMUNICATIONS: CTAF/UNICOM 122.8
 RCO 122.2 (SEATTLE RADIO)
 SEATTLE CENTER APP/DEP CON 126.1
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90'
 W117°37.61' 306° 93.4 NM to fld. 2755/21E. **HIWAS.**
NDB (MHW) 219 OMK N48°27.20' W119°31.02' at fld.
 NOTAM FILE OMK. Unusable byd 15 NM.

SEATTLE
 L-13A
 IAP

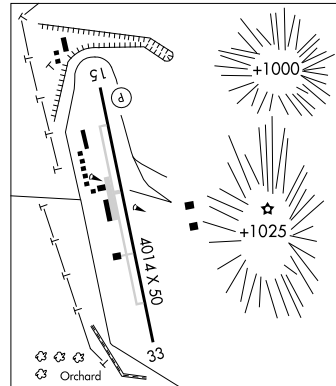


ORCAS ISLAND (See EAST SOUND)

OROVILLE

DOROTHY SCOTT (ØS7) 2 NE UTC-8(-7DT) N48°57.54' W119°24.72'
 1064 B S4 FUEL 100LL AOE NOTAM FILE SEA
 RWY 15-33: H4014X50 (ASPH) S-5 MIRL
 RWY 15: PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.
 RWY 33: Road.
AIRPORT REMARKS: Attended dawn-dusk. Wildlife adjacent to rwy and
 twy. ACTIVATE MIRL Rwy 15-33—CTAF. Customs telephone
 509-476-2955. Flight Notification Service (ADCUS) available.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47°12.65'
 W119°19.01' 340° 105.0 NM to fld. 1194/18E.

SEATTLE
 L-13A



OTHELLO MUNI (S70) 4 SE UTC-8(-7DT) N46°47.69' W119°04.75'

SEATTLE

1139 B FUEL 100LL, JET A NOTAM FILE SEA

L-13A

RWY 07-25: H3564X45 (ASPH) MIRL

RWY 25: REIL. PAPI(P2R). Road.

AIRPORT REMARKS: Unattended. For fuel after hours call

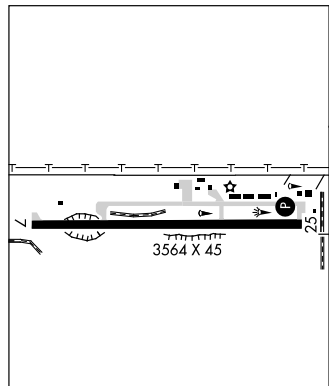
509-488-2544. Rwy 07 berm both sides of rwy. Farm machinery parked in primary sfc S of centerline. ACTIVATE MIRL Rwy 07-25 and PAPI Rwy 25—CTAF. REIL Rwy 25 operates 24 hrs.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.

PASCO (L) VORW/DME 108.4 PSC Chan 21 N46°15.78'

W119°06.94' 343° 32.0 NM to fld. 400/20E.



PACKWOOD (55S) 0 W UTC-8(-7DT) N46°36.25' W121°40.67'

SEATTLE

1057 B NOTAM FILE SEA

RWY 01-19: H2356X38 (ASPH) MIRL

RWY 01: Fence. RWY 19: Trees.

AIRPORT REMARKS: Unattended. Rwy 01-19 soft shoulders both sides, use rwy for back taxi. ACTIVATE MIRL Rwy 01-19—CTAF.

COMMUNICATIONS: CTAF 122.9

PAGE (See WALLA WALLA)

PAINE N47°55.19' W122°16.67' NOTAM FILE PAE.

SEATTLE

(L) VORW/DME 110.6 PAE Chan 43 at Snohomish Co (Paine Fld). 670/20E.

H-1B, L-1D

RCO 122.55 (SEATTLE RADIO)

PANGBORN MEM (See WENATCHEE)

PASCO N46°15.78' W119°06.94' NOTAM FILE PSC.

SEATTLE

(L) VORW/DME 108.4 PSC Chan 21 at Tri-Cities. 404/20E.

L-13A

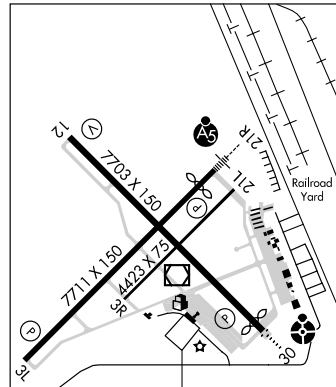
DME portion unusable:

150°-195° beyond 35 NM below 5500';

195°-220° beyond 35 NM below 4500'.

PASCO**TRI-CITIES** (PSC) 2 NW UTC-8(-7DT) N46°15.88' W119°07.14'410 B S4 FUEL 100LL, JET A1 + OX 2 TPA—See Remarks Class I, ARFF Index B
NOTAM FILE PSC**SEATTLE**
H-1B, L-13A
IAP, AD**RWY 03L-21R:** H7711X150 (ASPH-GRVD) S-120, D-170, ST-175, DT-320 HIRL**RWY 03L:** REIL PAPI(P4L)—GA 3.0° TCH 50'. Tree.**RWY 21R:** MALSR. PAPI(P4L)—GA 3.0° TCH 54'. Thld dsplcd 600'. Pole. Rgt tfc.**RWY 12-30:** H7703X150 (ASPH-GRVD) S-150, D-200, ST-175, DT-400 MIRL**RWY 12:** REIL. VASI(V4L)—GA 3.0° TCH 56'.**RWY 30:** ODALS. PAPI(P4L)—GA 3.0° TCH 54'. Thld dsplcd 200'. Tree.**RWY 03R-21L:** H4423X75 (ASPH) S-52, D-85, ST-108, DT-150**RWY 03R:** Rgt tfc. **RWY 21L:** Pole.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 03L:** TORA-7711 TODA-7711 ASDA-7711 LDA-7711**RWY 03R:** TORA-4423 TODA-4423 ASDA-4423 LDA-4423**RWY 12:** TORA-7703 TODA-7703 ASDA-7503 LDA-7503**RWY 21L:** TORA-4423 TODA-4423 ASDA-4423 LDA-4423**RWY 21R:** TORA-7711 TODA-7711 ASDA-7711 LDA-7711**RWY 30:** TORA-7703 TODA-7703 ASDA-7703 LDA-7503**AIRPORT REMARKS:** Attended 1600-0400Z†. After hrs fuel call

509-547-6271 or 509-545-5524. Call out fee. Fuel 24 hour credit card svc avbl. Waterfowl on and in vicinity of arpt spring and fall. PPR to unscheduled air carrier ops with more than 30 passenger seat call arpt manager 509-547-6352. TPA-1910(1500) turbine powered acft, all others 1410(1000). Rwy 21L and Rwy 03R not avbl as movement area for air carrier acft with more than 9 passenger seats or greater for ldg and tkf. Rwy 03R-21L is avbl for air carrier acft for taxiing during dalgt and VFR conditions only. Touchdown rwy visual range avbl for Rwy 21R. When twr clsd HIRL Rwy 03L-21R and MIRL Rwy 12-30 preset on low intensity to increase intensity and ACTIVATE MALSR Rwy 21R and ODALS Rwy 30—CTAF.

WEATHER DATA SOURCES: ASOS (509) 547-7379. LAWRS. SAWRS.**COMMUNICATIONS:** CTAF 135.3 ATIS 125.65 UNICOM 122.95**JUMP-OFF-JOE RCO** 122.4 (SEATTLE RADIO)Ⓡ **CHINOOK APP/DEP CON** 128.75 N and W 133.15 S and E (1400-0600Z†).Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600-1400Z†).**TOWER** 135.3 (1400-0600Z†) **GND CON** 121.8 **CLNC DEL** 120.0**AIRSPACE:** CLASS D svc 1400-0600Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSC.**PASCO (L) VORW/DME** 108.4 PSC Chan 21 N46°15.78' W119°06.94' at fld. 404/20E.**DUNEZ NDB (LOM)** 331 PS N46°20.29' W119°00.75' 205° 6.3 NM to fld. Unmonitored when twr clsd.**ILS** 108.7 I-PSC Rwy 21R. Class IE. LOM DUNEZ NDB. Unmonitored when tower closed.**PEARSON FLD** (See VANCOUVER)**PELLY** N47°06.94' W119°16.47'. NOTAM FILE MWH.**NDB (MHW/LOM)** 408 MW 324° 5.9 NM to Grant Co. Intl. Unmonitored when tower closed.**SEATTLE**
L-13A**PENN COVE** N48°14.68' W122°43.47'. NOTAM FILE SEA.**(L) VORW/DME** 117.2 CVW Chan 119 N48°14.68' W122°43.47' 060° 2.1 NM to AJ Eisenberg.**SEATTLE**
L-1E

200/19E.

DME portion unusable:

126°-160° 30 NM blo 2,200'.

250°-260° byd 30 NM blo 3,400'.

330°-360° byd 30 NM blo 2,200'.

PHORT N47°40.61' W117°27.01'. NOTAM FILE GEG.**NDB (LOM)** 388 GE 207° 4.8 NM to Spokane Intl.**SEATTLE****PIERCE CO-THUN** (See PUYALLUP)

POINT ROBERTS AIRPARK (1RL) 1 SW UTC-8(-7DT) N48°58.78' W123°04.73'

SEATTLE

10 NOTAM FILE SEA

RWY 16-34: 2265X125 (TURF)

RWY 16: Brush. Rgt tfc.

RWY 34: Brush.

AIRPORT REMARKS: Attended Apr-Oct continuously. When able land to the N and depart to the S. Traffic pattern W of fld over water. Noise abatement procedures in effect, contact airport manager for details at 360-945-3139.**COMMUNICATIONS:** CTAF/UNICOM 122.8**PORT ANGELES** N48°06.99' W123°29.13'

SEATTLE

RCO 122.6 (SEATTLE RADIO)

L-1E

PORT ANGELES CGAS (NOW) (KNOW) CG 2 N UTC-8(-7DT) N48°08.49' W123°24.84'

SEATTLE

13 B FUEL J5 NOTAM FILE SEA

L-1E

RWY 07-25: H4500X150 (ASPH) MIRL

IAF, DIAP

MILITARY SERVICE: JASU 1(MD-3) FUEL J5. Avbl 1500-0000Z, other times ltd to search and rescue and CGmissions. **TRAN ALERT** Tran acft arrive between 1500-0000Z only. Ctc Port Angeles Air on 345.0 or 127.7 15 min prior to ldg.**MILITARY REMARKS:** RSTD CLOSED to non-CG fixed wing acft. 24 hr PPR C360-417-5840. **CAUTION** 150' twr 75 yards south of rwy, marked by strobe lgt.**COMMUNICATIONS:** CTAF/UNICOM 122.975

SEATTLE RADIO 122.6

WHIDBEY APP/DEP 118.2 285.65 CLNC DEL 124.15

PORT ANGELES AIR 127.7 345.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA

EDIZ HOOK NDB (MHW) 317 K N48°08.39' W123°24.13' at fld.

NDB unusable:

085°-110° byd 20 NM

180°-245° byd 15 NM

110°-140° byd 15 NM

245°-340° byd 10 NM

140°-180° byd 10 NM

COMM/NAV/WEATHER REMARKS: Advisory information avbl at Port Angeles Air on prior notice; other CG frequencies avbl on request......
HELIPAD H1: H100X100 (ASPH)**PORT ANGELES****WILLIAM R FAIRCHILD INTL** (CLM) 3 NW UTC-8(-7DT) N48°07.21' W123°29.98'

SEATTLE

291 B S4 FUEL 100LL, JET A OX 2 LRA NOTAM FILE CLM

H-1B, L-1E

RWY 08-26: H6347X150 (ASPH-GRVD) S-55, D-66, ST-83, DT-115 MIRL

IAF

RWY 08: MALSR. VASI(V4L)—GA 3.0° TCH 47'. Trees.

RWY 26: REIL. SAVASI(S2L)—GA 4.0° TCH 49'. Thld dspld 1354'.

Antenna. Rgt tfc.

RWY 13-31: H3245X50 (ASPH) S-30 LIRL 1.4% up SE

RWY 13: Trees. RWY 31: Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1500-0100Z. For after hours Jet A call 360-452-6206. Waterfowl and birds on and invof arpt. Increased bird activity due to waste landfill located ½ mile northwest AER 08. No air carrier ops. Arpt surrendered arpt opr certificate 12/9/05. ACTIVATE MIRL Rwy 08-26 and MALSR Rwy 08—CTAF.**WEATHER DATA SOURCES:** ASOS 135.175 (360) 457-1070.**COMMUNICATIONS:** CTAF/UNICOM 122.975

PORT ANGELES RCO 122.6 (SEATTLE RADIO)

® WHIDBEY APP/DEP CON 118.2 CLNC DEL 124.15

AIRSPACE: CLASS E svc 1300-0730Z, other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SEA.

TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48°17.99'

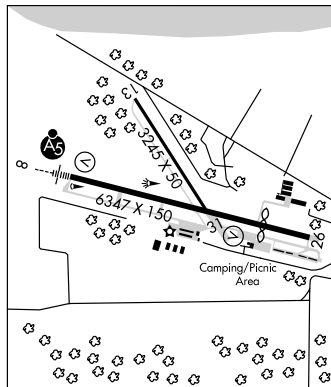
W124°37.62' 081° 46.5 NM to fld. 1652/22E. HIWAS.

ELWHA NDB (MHW/LMW) 515 CL N48°09.01' W123°40.22'

083° 7.1 NM to fld. NOTAM FILE CLM.

NDB unusable 100°-235° beyond 12 NM.

ILS 108.9 I-CLM Rwy 08. Class IA. LOM ELWHA NDB. Localizer unusable inside thld.

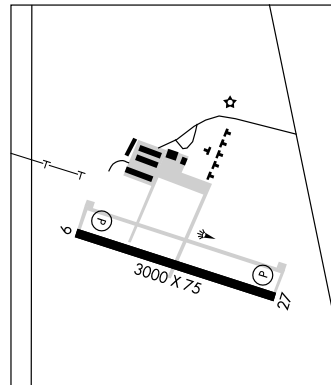
**PORT OF ILWACO** (See ILWACO)**PORT OF POULSBOR MARINA MOORAGE SPB** (See POULSBOR)

PORT OF WHITMAN BUSINESS AIR CENTER (See COLFAX)**PORT TOWNSEND****JEFFERSON CO INTL** (ØS9) 4 SW UTC-8(-7DT) N48°03.23' W122°48.64'

SEATTLE

108 B S4 FUEL 100LL TPA-998(890) AOE NOTAM FILE SEA

L-10

RWY 09-27: H3000X75 (ASPH) S-12.5 MIRL**RWY 09:** REIL. PAPI(P2L)—GA 3.0° TCH 30'. Hill. Rgt tfc.**RWY 27:** REIL. PAPI(P2R)—GA 3.0° TCH 30'. Tree.**AIRPORT REMARKS:** Attended 1700-0100Z†. 100LL fuel avbl 24 hrs with credit card. No cash sales. Noise abatement procedures in effect ctc arpt manager 360-385-0656. Tkf and ldg prohibited on turf next to rwy. ACTIVATE MIRL Rwy 09-27—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE PAE.**PAINE (L) VORW/DME** 110.6 PAE Chan 43 N47°55.19' W122°16.67' 271° 22.9 NM to fld. 670/20E.**POULSBORO****PORT OF POULSBORO MARINA MOORAGE SPB** (83Q) O N UTC-8(-7DT)

SEATTLE

N47°44.04' W122°38.84'

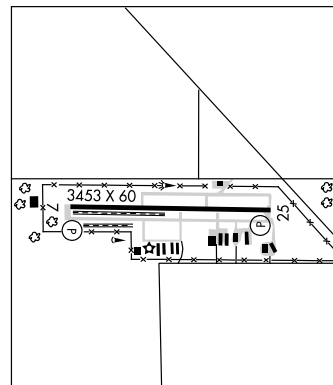
00 NOTAM FILE SEA

WATERWAY 13-31: 12000X4000 (WATER)**SEAPLANE REMARKS:** Attended May-Sep 1600-0330Z†, Oct-Apr 1600-0030Z†. Orange buoy 100' southwest of tran dock marks low tide rocks.**COMMUNICATIONS:** CTAF 122.9**PROSSER** (S4Ø) 1 NW UTC-8(-7DT) N46°12.80' W119°47.48'

SEATTLE

697 B S4 FUEL 100LL TPA-1497(800) NOTAM FILE SEA

L-13A

RWY 07-25: H3453X60 (ASPH) S-16 MIRL**RWY 07:** REIL. PAPI(P2R)—GA 3.0° TCH 20'. Trees.**RWY 25:** REIL. PAPI(P2L)—GA 4.0° TCH 26'. Tree. Rgt tfc.**AIRPORT REMARKS:** Attended 1700-0100Z†. Twys marked for night operations with retro-reflective devices. ACTIVATE MIRL Rwy 07-25 and REIL Rwy 07 and Rwy 25—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSC.**PASCO (L) VORW/DME** 108.4 PSC Chan 21 N46°15.78' W119°06.94' 244° 28.3 NM to fld. 400/20E.**PRU FLD** (See RITZVILLE)**PULLMAN/MOSCOW RGNL** (See PULLMAN/MOSCOW)

PULLMAN/MOSCOW, ID**PULLMAN/MOSCOW RGNL**

(PUW) 3 NE UTC-8(-7DT) N46°44.63' W117°06.58'

SEATTLE

2556 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE PUW

H-1C, L-13B**RWY 05-23:** H6730X100 (ASPH) S-57, D-75, ST-95, DT-135 HIRL**IAP****RWY 05:** REIL. PAPI(P2L)—GA 3.0° TCH 55'. Thld dsplcd 290'.

Fence.

RWY 23: REIL. PAPI(P4L)—GA 4.0° TCH 60'. Thld dsplcd 801'.

Ground.

RUNWAY DECLARED DISTANCE INFORMATION:**RWY 05:** TORA-6730 TODA-6730 ASDA-6490 LDA-6200**RWY 23:** TORA-6730 TODA-6730 ASDA-6040 LDA-5240

AIRPORT REMARKS: Attended 1600-0200Z†. CLOSED to unscheduled air carrier ops with more than 30 passenger seats except PPR call arpt manager 509-338-3223. Non-paved areas soft. Acft must delay taxiing and remain behind the intermediate holding position line when large acft ops are in progress. No parking between rwy and taxiway and within 30' of taxiway to the north west. ACTIVATE HIRL Rwy 05-23, and REIL Rwy 05 and Rwy 23—CTAF. Landing fee for all commercial acft.

WEATHER DATA SOURCES: ASOS 135.675 (509)334-3222. HIWAS 109.0 PUW.

COMMUNICATIONS: CTAF/UNICOM 122.8

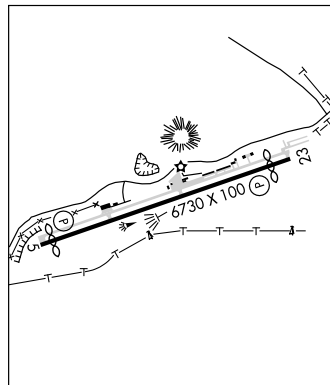
RCO 122.6 (SEATTLE RADIO)

SEATTLE CENTER APP/DEP CON 123.95

AIRSPACE: CLASS E svc Mon-Fri 1400-0600Z†, Sat 1700-0000Z†, Sun 1900-0600Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PUW.

(L) VOR/DME 109.0 PUW Chan 27 N46°40.46' W117°13.41' 028° 6.3 NM to fld. 2720/20E. HIWAS.

DME unmonitored.

**PUYALLUP****PIERCE CO-THUN FLD**

(PLU) 5 S UTC-8(-7DT) N47°06.24' W122°17.23'

SEATTLE

538 B S4 FUEL 100LL OX 4 TPA-1538(1000) NOTAM FILE PLU

L-1D**RWY 16-34:** H3650X60 (ASPH) MIRL**IAP****RWY 16:** REIL. PAPI(P4L)—GA 4.0° TCH 53'. Trees.**RWY 34:** REIL. PAPI(P4R)—GA 4.0° TCH 53'. Road.

AIRPORT REMARKS: Attended 1600Z†-dusk. Fuel avbl 24 hours with credit card. Ultralights prohibited. Noise sensitive all quadrants.

WEATHER DATA SOURCES: AWOS-3 128.575 (253) 848-2748.**COMMUNICATIONS:** CTAF/UNICOM 122.7

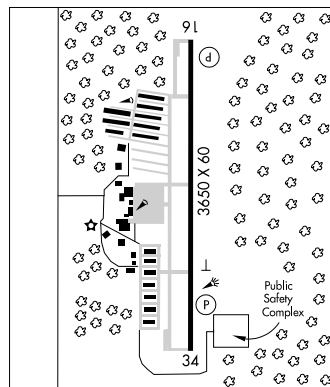
SEATTLE APP/DEP CON 126.5 CLNC DEL 121.85

RADIO AIDS TO NAVIGATION: NOTAM FILE TCM.

McCHORD (T) VORTAC 109.6 TCM Chan 33 N47°08.86'

W122°28.50' 087° 8.1 NM to fld. 284/22E. No NOTAM MP

Thu 0700-1400Z†.



QUILLAYUTE (UIL) 1 SW UTC-8(-7DT) N47°56.20' W124°33.76'

SEATTLE

194 NOTAM FILE UIL

L-10

RWY 04-22: H4210X100 (CONC) S-30, D-50

RWY 04: Trees. **RWY 22:** Trees. Thld displcd 800'.

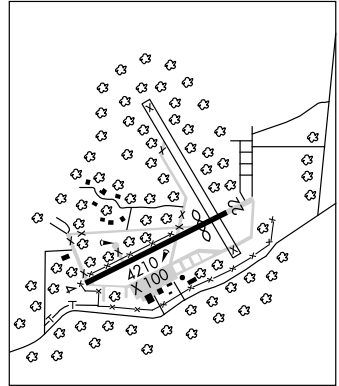
AIRPORT REMARKS: Unattended. Pedestrians, vehicles and animals on and in vicinity of rwy.

WEATHER DATA SOURCES: ASOS 135.225 (360) 374-9731.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48°17.99' W124°37.62' 151° 22.0 NM to fld. 1652/22E. **HIWAS.**



QUINCY MUNI (8ØT) 2 SE UTC-8(-7DT) N47°12.70' W119°50.39'

SEATTLE

1271 B NOTAM FILE SEA

L-13A

RWY 09-27: H3660X50 (ASPH) MIRL

RWY 09: Road. **RWY 27:** PAPI(P2R)—GA 3.0° TCH 100'. Road.

AIRPORT REMARKS: Unattended. PAPI Rwy 27 OTS indef.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EAT.

WENATCHEE (L) VORW/DME 111.0 EAT Chan 47 N47°23.98' W120°12.65' 108° 18.9 NM to fld. 1224/19E. **HIWAS.** DME unmonitored.

COM/NAV/WEATHER REMARKS: HIWAS unavailable.

R & K SKYRANCH (See ROCHESTER)

RANGER CREEK (See GREENWATER)

RAYMOND (See SOUTH BEND/RAYMOND)

RENTON

RENTON MUNI (RNT) 0 NW UTC-8(-7DT) N47°29.59' W122°12.95'

SEATTLE

32 B S4 FUEL 100LL, JET A1 + OX 1, 2 TPA—See Remarks LRA NOTAM FILE RNT
 RWY 16-34: H5382X200 (ASPH-CONC-GRVD) S-100, D-130, DT-340 MIRL (NSTD)

H-1B, L-1D
 IAP, AD

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Thld dsplcd 300'.

Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.75° TCH 59'. Thld dsplcd 340'.

Road. Rgt tfc.

AIRPORT REMARKS: Attended 1500Z±-Dusk. Acft requiring svcs ctc 122.85 or 122.95. Numerous flocks of birds in vicinity and along Lake Washington. Be alert for Boeing production acft being towed across the rwy during hours twr closed. Seaplane base NW corner of arpt. TPA-1032(1000). TPA west of the fld is 1218' AGL due to terrain immediately west of the arpt. West twy closed to acft with wing span 118' or over. Noise abatement procedures in effect ctc arpt manager 425-430-7471. Rwy 16-34 NSTD MIRL, 340° SE end unlit. ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34 and twy lgts—CTAF. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (425) 255-6080. LAWRS.

COMMUNICATIONS: CTAF 124.7 ATIS 126.95 UNICOM 122.95

⑧ SEATTLE APP/DEP CON 119.2 (076°-160° Rwy 16) (341°-075°) 120.1 (199°-300°) 120.4 (301°-340° Rwy 34) 125.9 (076°-160° Rwy 34) (301°-340° Rwy 16) 126.5 (161°-198°)

TOWER 124.7 (Oct 1-Apr 30 1500-0400Z±, May 1-Sep 30 1500-0500Z±) **GND CON** 121.6

AIRSPACE: CLASS D svc Oct 1-Apr 30 1500-0400Z±, May 1-Sep 30 1500-0500Z± other times CLASS G.

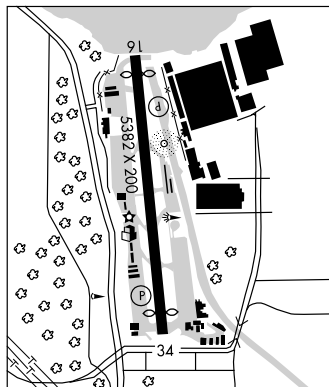
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47°26.12' W122°18.58' 029° 5.2 NM to fld. 354/19E.

NDB (MHW) 353 RNT N47°29.73' W122°12.88' at fld. NOTAM FILE RNT.

NDB unusable 035°-085° beyond 20 NM.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



WILL ROGERS WILEY POST MEM SPB (W36) 1 N UTC-8(-7DT) N47°29.99' W122°13.16'

SEATTLE

14 S4 FUEL 100LL, JET A, JET A1+ OX 1, 2 LRA NOTAM FILE RNT

WATERWAY 12-30: 5000X200 (WATER)

WATERWAY 12: Rgt tfc

SEAPLANE REMARKS: Attended 1500Z±-Dusk. Ctc Renton twr when operating, for tfc data. When twr not operating announce intentions on 124.7. When flying inbound or outbound in the west channel waterway above 800' AGL ctc Boeing twr freq 118.3 for traffic advisories. Flocks of waterfowl in vicinity, CAUTION advised lgds and takeoffs. Extensive boating and personal watercraft in vicinity. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF 124.7 UNICOM 122.8

REPUBLIC

FERRY CO (R49) 6 NE UTC-8(-7DT) N48°43.09' W118°39.39'

SEATTLE

2522 B TPA—3322(800) NOTAM FILE SEA

L-13A

RWY 17-35: H3498X60 (ASPH) MIRL

RWY 17: REIL. Tree. Rgt tfc.

RWY 35: REIL. VASI(V2L)—GA 4.0° TCH 23'. Trees.

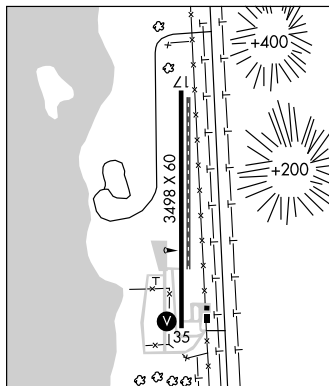
AIRPORT REMARKS: Unattended. Suggest ngt lgds be made on Rwy 35. Rwy 17-35 trees located on unlgtd unmarked mountainous terrain. P-lines NE of Rwy 17 lgtd dusk-dawn. ACTIVATE MIRL Rwy 17-35 and VASI Rwy 35, REIL Rwy 17 and Rwy 35—122.8.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68'

W119°25.44' 360° 86.2 NM to fld. 1250/21E.



RIBOO N46°22.23' W119°15.55'. NOTAM FILE SEA.
NDB (LOM) 260 RL 186° 4.3 NM to Richland. LOM unmonitored when PASCO twr clsd.

SEATTLE

RICHLAND (RLD) 2 NW UTC-8(-7DT) N46°18.34' W119°18.25'
 394 B S2 FUEL 100LL, JET A TPA-1194(800) NOTAM FILE RLD
RWY 01-19: H4009X75 (ASPH) S-30, D-45, DT-70 MIRL
RWY 01: REIL. PAPI(P2L)-GA 3.0° TCH 30'. Antenna.
RWY 19: MALS. REIL. PAPI(P2L)-GA 3.0° TCH 30'. Pole. Rgt tfc.
RWY 08-26: H3995X100 (ASPH) S-30, D-45, DT-70 MIRL
RWY 08: ODALS. PAPI(P2L) GA 3.0° TCH 40'. Ground.
RWY 26: VASI(V4L)-GA 3.0° TCH 50'. Railroad. Rgt tfc.

SEATTLE
 L-13A
 IAP

AIRPORT REMARKS: Attended 1600-0200Z†. Parachute Jumping.
 CAUTION: Road 550' west of approach end of Rwy 08. Rwy 08
 CLOSED nights to Part 135 operations. ACTIVATE MIRL Rwy
 01-19, REIL Rwy 01 and Rwy 19, MALS Rwy 19 and ODALS Rwy
 08-CTAF. VASI Rwy 26 and PAPI Rwy 01, Rwy 08 and Rwy 19 opr
 24 hrs.

WEATHER DATA SOURCES: AWOS-3 132.675 (509) 375-4247.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ CHINOOK APP/DEP CON 128.75 (1400-0600Z†).

Ⓡ SEATTLE APP/DEP CON 132.6 (0600-1400Z†).

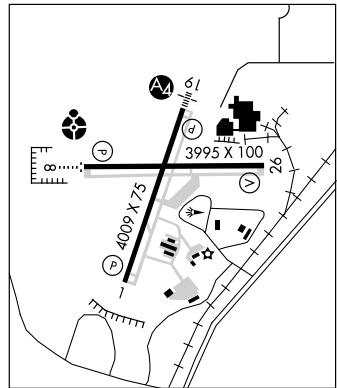
RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.

PASCO (L) VORW/DME 108.4 PSC Chan 21 N46°15.78'
 W119°06.94' 268° 8.3 NM to fld. 400/20E.

RIBOO NDB (LOM) 260 RL N46°22.23' W119°15.55' 186°
 4.3 NM to fld. LOM unmonitored when PASCO twr clsd.

ILS/DME 110.5 I-RLD Chan 42 Rwy 19 Localizer only. LOM RIBOO NDB. Unmonitored when PASCO
 twr clsd.

COMM/NAV/WEATHER REMARKS: CLNC DEL provided by SEATTLE Radio on 122.4.



RIMROCK

TIETON STATE (4S6) 2 S UTC-8(-7DT) N46°38.25' W121°07.44'
 2964 NOTAM FILE SEA
RWY 02-20: 2509X140 (TURF)

SEATTLE

RWY 02: Trees. **RWY 20:** Trees.

AIRPORT REMARKS: Unattended. CLOSED 1 Oct-1 June. Rwy 02 obstructed by mountains at 1000'. Rwy 20 obstructed by mountains at 1000'. Pedestrians, vehicles and animals on or invof rwy. Rwy 02-20 surface rough. Deep cuts on NW edge of rwy first 800 ft of Rwy 02. Rwy 02-20 edges marked with boundary markers. Ctc Washington State Aviation Division 360-651-6300 or for Washington only 1-800-552-0666 for facility information prior to use.

COMMUNICATIONS: CTAF 122.9

RITTS N48°03.17' W122°17.33'. NOTAM FILE PAE.
NDB (LOM) 396 PA 158° 8.8 NM to Snohomish Co (Paine Fld).

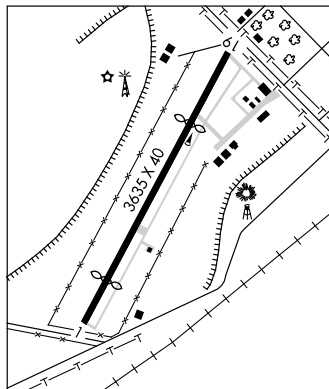
SEATTLE

RITZVILLE**PRU FLD** (33S) 1 W UTC-8(-7DT) N47°07.39' W118°23.37'SEATTLE
L-13A

1801 B NOTAM FILE SEA

RWY 01-19: H3635X40 (ASPH) MIRL(NSTD)**RWY 01:** Thld dsplcd 387'. P-line.**RWY 19:** Thld dsplcd 816'. Trees.**AIRPORT REMARKS:** Unattended. Arpt CLOSED when snow and ice on rwy. Rwy 01-19 NSTD MIRL, 3' red lgts 3 each side of rwy at ends of pavement. ACTIVATE MIRL Rwy 01-19—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE GEG.**SPOKANE (H) VORTACW** 115.5 GEG Chan 102 N47°33.90'

W117°37.61' 209° 40.9 NM to fld. 2755/21E. HIWAS.

**ROCHE HARBOR SPB** (W39) 0 SW UTC-8(-7DT) N48°36.49' W123°09.58'

SEATTLE

00 NOTAM FILE SEA

WATERWAY NE-SW: 5000X1000 (WATER)**WATERWAY NW-SE:** 2500X500 (WATER)**SEAPLANE REMARKS:** Unattended. CAUTION—boats in landing areas and in docking area.**COMMUNICATIONS:** CTAF 128.25**ROCHESTER****R & K SKYRANCH** (8W9) 1 N UTC-8(-7DT) N46°49.96' W123°05.49'

SEATTLE

149 TPA-999(850) NOTAM FILE SEA

RWY 18-36: 2750X45 (TURF)**RWY 18:** Thld dsplcd 575'. P-line.**RWY 36:** Thld dsplcd 300'. Fence.**RWY 16-34:** 2480X35 (TURF)**RWY 16:** Thld dsplcd 700'. Trees.**RWY 34:** Thld dsplcd 327'. Fence.**AIRPORT REMARKS:** Unattended. Arpt CLOSED except PPR call arpt mgr 360-273-9893. No touch and go landings.

Rwy 16-34 and Rwy 18-36 marked with reflectors. Rwy 16 first 1,100' has shrubs and 70'+ trees approximately 15' from rwy edges.

COMMUNICATIONS: CTAF/UNICOM 123.0**ROSALIA MUNI** (72S) 2 W UTC-8(-7DT) N47°14.20' W117°25.28'

SEATTLE

2169 B FUEL 100LL NOTAM FILE SEA

RWY 02-20: H2800X45 (ASPH) MIRL**RWY 02:** Tree.**RWY 20:** PAPI(P2L)—GA 4.5°. Road.**AIRPORT REMARKS:** Unattended. Rwy 02-20 taxiway reflectors—not taxiway lgts. Rotating bcn OTS indef. ACTIVATE

MIRL Rwy 02-20—122.8.

COMMUNICATIONS: CTAF 122.9**ROSARIO SPB** (W49) 0 S UTC-8(-7DT) N48°38.74' W122°52.08'

SEATTLE

00 NOTAM FILE SEA

WATERWAY 16-34: 10000X1000 (WATER)**WATERWAY 16:** Hill.**WATERWAY 07-25:** 2500X1000 (WATER)**WATERWAY 07:** Hill.**WATERWAY 25:** Hill.**SEAPLANE REMARKS:** Attended dalgt hrs. Tran dock avbl.**COMMUNICATIONS:** CTAF 128.25**SAND CANYON** (See CHEWELAH)**SANDERSON FLD** (See SHELTON)

SEATTLE N47°26.12' W122°18.58' NOTAM FILE SEA.**SEATTLE**(H) **VORTACW** 116.8 SEA Chan 115 at Seattle-Tacoma Intl. 340/19E.**H-1B, L-1D**

VOR portion unusable:

303°-333° beyond 20 NM below 2,900'

303°-333° beyond 30 NM below 4,000'

333°-353° beyond 15 NM below 3,500'

353°-008° beyond 20 NM below 2,900'

008°-023° beyond 20 NM below 3,500'

DME portion unusable:

008°-028° byd 20 NM blo 4,500'

008°-028° byd 30 NM blo 7,000'

008°-023° beyond 30 NM below 4,100'

233°-273° beyond 8 NM below 5,500'

233°-273° beyond 20 NM below 8,000'

233°-273° beyond 30 NM below 10,000'

233°-273° beyond 35 NM below 3,500'

303°-008° byd 30 NM below 3,500'

203°-253° byd 27 NM all altitudes.

RCO 123.65 (SEATTLE RADIO) **RCO** 122.5 (SEATTLE RADIO)**SEATTLE****BOEING FLD/KING CO INTL** (BFI) 4 S UTC-8(-7DT) N47°31.80' W122°18.12'**SEATTLE**21 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks AOE**H-1B, L-1D**

Class II, ARFF Index A NOTAM FILE BFI

IAP, AD**RWY 13R-31L:** H10000X200 (ASPH-GRVD) S-100, D-160, ST-175, DT-340 HIRL**RWY 13R:** MALSF. PAPI(P4L)—GA 3.0° TCH 39'. Fence. Rgt tfc.**RWY 31L:** REIL. PAPI(P4L)—GA 3.1° TCH 39'. Thld dsplcd 880'.

Railroad.

RWY 13L-31R: H3710X100 (ASPH-GRVD) S-35, D-60 MIRL**RWY 13L:** REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dsplcd 240'.

Glide Slope Antenna.

RWY 31R: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dsplcd 365'.

Tree. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION:**RWY 13R:** TORA-10001 TODA-10000 ASDA-9120 LDA-9120**RWY 31L:** TORA-10001 TODA-10001 ASDA-10001 LDA-9120**AIRPORT REMARKS:** Attended continuously. Bird flocks within arpt

vicinity, check local advisories. Rwy 13L-31R not available for air

carrier ops. Rwy 13L-31R limited to use by acft up to 12,500 lbs.

Touch and go lds prohibited 0600-1500Z+. Twr 80' AGL located

1200' north and 900' west of thld Rwy 13R. If access to Boeing

ramp required ctc Boeing Flight Dispatch 206-655-3421 for

approval during normal duty hours. Twy A6 clsd indef. Twy B8 clsd indef. Twy A1 and Twy A from A1-A3 restricted to acft up to 150,000 pounds and less than 108' wingspan. Twy A2, B2 and A11 restricted to acft up to 60,000 pounds. Twy A3, A5, and A8 restricted to acft up to 12,500 pounds. PPR for parking arrangements for acft over 12,500 lbs maximum tkf weight is recommended. Extensive helicopter training activity on Twy B. For noise abatement procedures, ctc noise office at 206-296-7437. Twy Z and 880' special use pavement avbl 72 hrs PPR. Ctc arpt ops 206-296-7334. For Museum of Flight transient acft parking, prior permission required, call 206-764-5710. Itinerant/transient parking avbl. Ctc arpt ops 206-296-7334. Rwy 13L-31R TPA-1000(979), Rwy 13R-31L TPA-800(779). HIRL Rwy 13R-31L opr dusk-dawn. MIRL Rwy 13L-31R not opr 2200-0700Z+. Landing fee: Ctc arpt ops. Flight Notification Service (ADCUS) available. NOTE: See Special Notices

Section—Simultaneous Operations.

WEATHER DATA SOURCES: ASOS (206) 763-6904.**COMMUNICATIONS:** ATIS 127.75 (206) 767-4113 **UNICOM** 122.95**SEATTLE FSS** (SEA) on arpt.**SEATTLE RCO** 122.5 (SEATTLE RADIO) **SEATTLE RCO** 123.65 (SEATTLE RADIO)**(R) SEATTLE APP/DEP CON** 119.2 (076°-160° Rwy 13) (341°-075°) 120.1 (199°-300°) 120.4 (301°-340° Rwy 31)

125.9 (076°-160° Rwy 31) (301°-340° Rwy 13) 126.5 (161°-198°)

BOEING TOWER 120.6 (128°-308° and Departures Rwy 13R-31L, also all Jets, heavy aircraft and IFR arrivals.

118.3 309°-127° and Departures Rwy 13L-31R.)

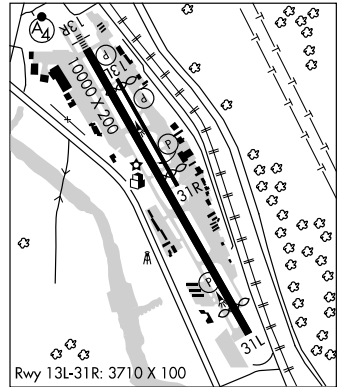
GND CON 121.9 **CLNC DEL** 132.4**RADIO AIDS TO NAVIGATION:** NOTAM FILE SEA.**SEATTLE (H) VORTACW** 116.8 SEA Chan 115 N47°26.12' W122°18.58' 344° 5.7 NM to fld. 354/19E.**NOLLA NDB (LOM)** 362 BF N47°37.95' W122°23.37' 130° 7.1 NM to fld.**ILS/DME** 110.9 I-BFI Chan 46 Rwy 13R. Class IA. LOM **NOLLA NDB**. Localizer back course

unusable byd 13 NM blo 3,500'. Localizer back course unusable byd 10° left and right of course. Localizer

unusable byd 20° left of course. DME unusable byd 30° left of course.

ILS/DME 110.9 I-CHJ Chan 46 Rwy 31L. Class IB. Localizer unusable byd 15° east of course.

ILS/DME unusable byd 10° right of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

KENMORE AIR HARBOR SPB (W55) 1 N UTC-8(-7DT) N47°37.74' W122°20.32'

SEATTLE

14 FUEL 100LL, JET A AOE NOTAM FILE SEA

WATERWAY 16-34: 5000X500 (WATER)

SEAPLANE REMARKS: Attended dawn-dusk. Fuel avbl emergency only. Night landings not recommended due to unlighted small watercraft. Red buoy indicates start and stop area for tkfs and ldgs. Increased boating ops on lake Apr 15 thru Oct 15. All tkf and ldg in center of lake. Special noise abatement rules in effect ctc operator for pattern information. Do not taxi closer than 200' from shoreline except in close proximity to Kenmore Air Harbor. Call 425-486-1257 X2010 for approval at least 3 hrs prior to arrival. Docking fee. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF 122.9**SEATTLE SEAPLANES SPB** (ØWØ) 1 N UTC-8(-7DT) N47°37.66' W122°19.91'

SEATTLE

14 S2 NOTAM FILE SEA

WATERWAY 18-36: 9500X300 (WATER)**SEAPLANE REMARKS:** Attended 1600Z±-dusk. Small watercraft activity on lake.**COMMUNICATIONS:** CTAF 122.9**SEATTLE-TACOMA INTL** (SEA) 10 S UTC-8(-7DT) N47°26.99' W122°18.71'

SEATTLE

433 B FUEL 100LL, JET A, A1 LRA Class I, ARFF Index E NOTAM FILE SEA

H-1B, L-1D

RWY 16L-34R: H11901X150 (CONC-GRVD) S-100, D-230, DT-600, DDT-1400 HIRL CL

IAP, AD

RWY 16L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 79'. 0.6% down.**RWY 34R:** TDZL. MALSR. PAPI(P4L)—GA 2.75° TCH 82'. 0.8% up.**RWY 16C-34C:** H9426X150 (CONC-GRVD) S-100, D-200, ST-175,

DT-350, DDT-800 HIRL CL

RWY 16C: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76'. 0.6% down.**RWY 34C:** MALSR. PAPI(P4L)—GA 3.0° TCH 62'. Tree. 0.8% up.**RWY: 16R-34L** H8500X150 (CONC-GRVD) S-100, D-216, DT-448,

TDT-817, DDT-1157 HIRL CL

RWY 16R: ALSF2. TZL. PAPI(P4R)—GA 3.0° TCH 69'. 0.6% down.**RWY 34L:** MALSR. PAPI(P4L)—GA 3.0° TCH 75'. 0.8% up.

AIRPORT REMARKS: Attended continuously. Bird flocks within airport vicinity—check local advisories. Helicopters ldg and departing avoid overflying fuel farm located at the SE corner of the arpt. ASDE-X surveillance system in use; pilots should operate transponders with mode C on all twys and rwy. Do not mistake Twy T for landing sfc. Twy A south of Twy G restricted to acft with wingspan 214' and smaller. Taxilane around N satellite restricted to acft with wingspans of 200' or less except for gates N7-N9. Access to air cargo 4 parking and cargo areas rstd to acft with wingspans of 118' or less. Twy for corporate hangar ramp ltd to acft with 104' or less wingspan for taxi ops. GA customs parking is very limited. PPR for all general aviation parking and svc, ctc 206-433-5481. Between the hours of 0600-1500Z±, the use of extdd reverse thrust is discouraged byd what is necessary for opr or safety reasons. NS ABTMT procedures in effect between 0600-1400Z±. For further information ctc SEA NS ABTMT office at 206-787-7496. Touchdown, midpoint and rollout runway visual range avbl Rwy 16C, Rwy 34C, Rwy 16L, Rwy 34R, Rwy 16R, and Rwy 34L. Landing fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Seattle-Tacoma Intl Gatehold Procedures, Oceanic Departures.

WEATHER DATA SOURCES: ASOS (206) 431-2834.

COMMUNICATIONS: D-ATIS 118.0 (206) 241-6025

UNICOM 122.95

Ⓡ **SEATTLE APP CON** 120.1 (199°-300°) 120.4 (301°-340° Rwy 34) 125.6 (West) 125.9 (076°-160° Rwy 34) (301°-340° Rwy 16) 126.5 (161°-198°) 133.65 (ARR Rwy 16) 123.9

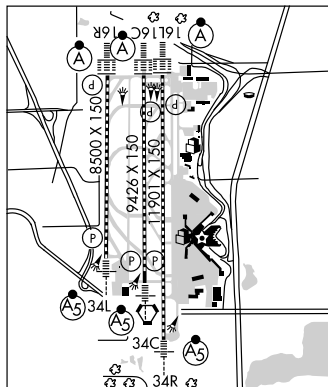
Ⓡ **SEATTLE DEP CON** 119.2 (DEP Rwy 16) 120.1 (199°-300°) 120.4 (301°-340° Rwy 34) 125.6 (West) 125.9 (076°-160° Rwy 34) (301°-340° Rwy 16) 126.5 (161°-198°) 123.9

SEATTLE TOWER 119.9 (Rwy 16L-34R, Rwy 16C-34C) 120.95 (Rwy 16R-34L) **GND CON** 121.7 126.87 (Cargo north ramp) 122.27 (South ramp) **CLNC DEL** 128.0

AIRSPACE: CLASS B See VFR Terminal Area Chart.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SEA.(H) **VORTACW** 116.8 SEA Chan 115 N47°26.12' W122°18.58' at fld. 354/19E.**ILS/DME** 110.75 I-CJL Chan 44(Y) Rwy 16R. Class IIIE.**ILS/DME** 110.75 I-BEJ Chan 44(Y) Rwy 34L. Class IIIE.**ILS/DME** 110.3 I-SEA Chan 40 Rwy 34R. Class IID. DME also serves ILS Rwy 16L.

ILS/DME 111.7 I-SZI Chan 54 Rwy 16C. Class IIIIE. DME also serves ILS Rwy 34C. LOC front course unusable byd 10 NM, blo 2,500'.

ILS/DME 110.3 I-SNQ Chan 40 Rwy 16L. Class IIIIE. Localizer unusable byd 15° left of course, byd 14 NM blo 3,000'. DME also serves ILS Rwy 34R. Rwy 16L ILS GP possible fluctuations when wx is 800/2 or better prior to DGLAS, due to taxiing acft in glideslope critical area.

ILS/DME 111.7 I-TUC Chan 54 Rwy 34C. Class IIIE. DME also serves ILS Rwy 16C.

SEKIU (11S) 0 NW UTC-8(-7DT) N48°15.97' W124°18.84'

SEATTLE

355 B NOTAM FILE SEA

RWY 08-26: H2997X50 (ASPH) LIRL

RWY 08: Thld dsplcd 900'. Hill.

RWY 26: VASI(V2L)—GA 4.0° TCH 35' (nights only). Tree.

AIRPORT REMARKS: Unattended. Deer on and in vicinity of arpt Sep-Mar. High ridge along N side of rwy. Turbulence on E end apch over water. Difficult apch when wind from N. PPR for other than single engine acft, call arpt manager 360-457-1138. Rwy 08-26 poor subsurface drainage during wet weather conditions causes rwy surface movements.

COMMUNICATIONS: CTAF 122.9

SEQUIM VALLEY (W28) 4 NW UTC-8(-7DT) N48°05.89' W123°11.23'

SEATTLE

144 B S6 FUEL 100LL NOTAM FILE SEA

L-1E

RWY 09R-27L: H3510X40 (ASPH) LIRL

RWY 09R: Trees. Rgt tfc.

RWY 27L: Trees.

RWY 09L-27R: 3500X100 (TURF)

RWY 09L: Fence. Rgt tfc.

RWY 27R: Trees.

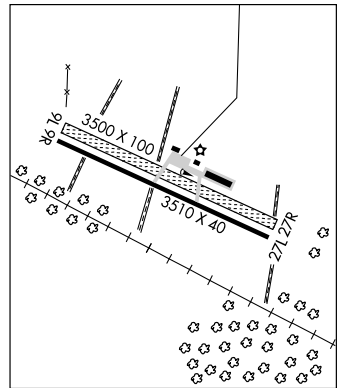
AIRPORT REMARKS: Attended 1700-0100Z+. Deer on and in the vicinity of arpt. Rwy 09L fence covered with 5' shrubs. Rwy 09L-27R PPR for landing call 360-683-4444. Rwy 09R-27L has a 6" shoulder. Rwy 27L marked with broken line. Paved twys cross turf Rwy 09L-27R.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48°17.99'

W124°37.62' 079° 59.1 NM to fld. 1652/22E. HIWAS.



SHADY ACRES (See SPANAWAY)

SHELTON

SANDERSON FLD (SHN) 3 NW UTC-8(-7DT) N47°14.01' W123°08.85'

SEATTLE

273 B S4 FUEL 100LL, JET A NOTAM FILE SHN

H-1B, L-1D

RWY 05-23: H5005X100 (ASPH) S-55, D-72, DT-130 MIRL 0.3% up NE

IAP

RWY 05: Trees. Rgt tfc.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

AIRPORT REMARKS: Attended 1600-0030Z+. Parachute Jumping. 24 hr credit card fuel facility.

WEATHER DATA SOURCES: ASOS 119.275 (360) 427-3835.

COMMUNICATIONS: CTAF/UNICOM 122.8

® SEATTLE APP/DEP CON 121.1

RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.

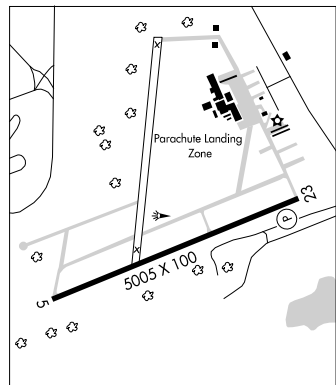
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30'

W122°54.11' 308° 18.7 NM to fld. 200/19E. HIWAS.

MASON CO NDB (MHW) 348 MNC N47°14.89' W123°05.18'

232° 2.7 NM to fld. NOTAM FILE SHN.

NDB unmonitored. NDB unusable 280°-340°beyond 20 NM.



SILVERDALE

APEX AIRPARK (8W5) 2 NW UTC-8(-7DT) N47°39.41' W122°43.99'

SEATTLE

525 B S4 NOTAM FILE SEA

Not insp.

RWY 17-35: H2500X28 (ASPH) LIRL

RWY 35: Rgt tfc.

AIRPORT REMARKS: Attended continuously. Caution: children and pets etc on invov arpt. No line of sight between rwy ends. Twy east side rwy. Use caution on twy. Trees, acft and buildings in transition sfcs.

COMMUNICATIONS: CTAF/UNICOM 122.8

SKAGIT/BAY VIEW N48°28.12' W122°25.10'. NOTAM FILE BVS.
NDB (MHW) 240 BVS at Skagit Rgnl. NDB unusable 350°–030° byd 20 NM.

SEATTLE

L-1E

SKAGIT RGNL (See BURLINGTON/MOUNT VERNON)

SKY HARBOR (See SULTAN)

SKYLINE SPB (See ANACORTES)

SKYKOMISH STATE (S88) 1 E UTC-8(-7DT) N47°42.66' W121°20.34'

SEATTLE

1002 NOTAM FILE SEA

RWY 06-24: 2050X100 (TURF)

RWY 06: Trees. **RWY 24:** Trees.

AIRPORT REMARKS: Unattended. CLOSED yearly 1 Oct-1 June. Pedestrians and animals on and invof rwy. CTC

Washington State Division of Aeronautics 360-651-6300 or 1-800-552-0666, for facility information prior to use. Mountains surround arpt.

COMMUNICATIONS: CTAF 122.9

SNOHOMISH CO (PAINE FLD) (See EVERETT)

SNOHOMISH

HARVEY FLD (S43) 1 SW UTC-8(-7DT) N47°54.29' W122°06.16'

SEATTLE

22 S4 **FUEL** 100, JET A TPA-1006(984) NOTAM FILE SEA

RWY 15L-33R: H2671X36 (ASPH) S-10 LIRL (NSTD)

RWY 15L: TRCV(TRIR)—GA 5.0° TCH 30'. Thld dsplcd 451'. P-line. Rgt tfc.

RWY 33R: TRCV (TRIR)—GA 3.0° TCH 30'. Thld dsplcd 241'. Trees.

RWY 15R-33L: 2430X100 (TURF)

RWY 15R: P-line. Rgt tfc. **RWY 33L:** Trees.

AIRPORT REMARKS: Attended Nov-Mar 1530-0200Z†, Apr-Oct 1530-0500Z†. Fuel 24 hour credit card svc avbl.

Parachute Jumping. Helicopter training west of rwsys 500' and blo. High voltage P-line 22' high 25' from apch end of Rwy 15L. Additional parachute student drop zone 1 NM E of arpt marked with white X. Arriving helicopter tfc apch helipads from NE or SE to avoid student drop zone. Parachute drop zone between Rwy 15L-38R and main twy, large gravel circle. Rwy 15L and Rwy 15R calm wind rwsys. Noise abatement procedures in effect, ctc arpt manager 360-568-1541. Rwy 15L-33R NSTD LIRL, thld lgts 360° green.

COMMUNICATIONS: CTAF/UNICOM 123.0

SEATTLE CENTER APP/DEP CON 128.5

RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.

PAINE (L) VORW/DME 110.6 PAE Chan 43 N47°55.19' W122°16.67' 077° 7.1 NM to fld. 670/20E.

SOUTH BEND (RAYMOND)

WILLAPA HARBOR (2S9) 2 NW UTC-8(-7DT) N46°41.86' W123°49.40'

SEATTLE

L-1C

13 B **FUEL** 100LL NOTAM FILE SEA

RWY 11-29: H3005X52 (ASPH) S-12 MIRL

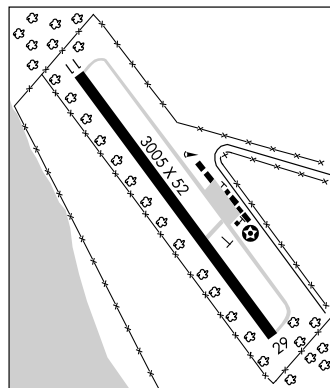
RWY 11: Trees. **RWY 29:** Trees.

AIRPORT REMARKS: Unattended. Fuel unavbl indef. Watch for elk on and in vicinity of arpt. Rwy 11-29 52' wide with 22.5' asph trtd shoulders. Rotating bcn OTS indef. ACTIVATE rotating bcn-122.8. ACTIVATE MIRL Rwy 11-29-122.8.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.

HOUQUAM (H) VORTAC 117.7 HQM Chan 124 N46°56.82' W124°08.96' 119° 20.1 NM to fld. 10/19E. HIWAS.



SOUTHWEST WASHINGTON RGNL (See KELSO)

SPANAWAY**SHADY ACRES** (3B8) 3 SE UTC-8(-7DT) N47°04.22' W122°22.27'

SEATTLE

445 NOTAM FILE SEA

RWY 16-34: H1800X20 (ASPH) LIRL**RWY 16:** Trees.**RWY 34:** Thld dsplcd 200'. Road. Rgt tfc.

AIRPORT REMARKS: Unattended. PPR for night ops call arpt manager 253-846-8953. Military activity on and in vicinity of arpt. Power plants with emissions that may not be visible 0.5 and 1 statute mile northeast of arpt. Dsplcd thld marked with NSTD chevrons. Rwy 16 ID is not standard distance from rwy end. Directional rwy edge lgts.

COMMUNICATIONS: CTAF 122.9**SPANAWAY** (S44) 1 S UTC-8(-7DT) N47°05.21' W122°25.88'

SEATTLE

373 **FUEL** 100LL TPA-988(615) NOTAM FILE SEA**RWY 16-34:** H2724X20 (ASPH) S-12 LIRL**RWY 16:** Thld dsplcd 200'. Tree.**RWY 34:** Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1600Z±-dusk. CAUTION: Military tfc on and in vicinity of arpt. Rwy 16 paved, Rwy 16 has NSTD numbers, edge lines and thld markings only, Rwy 16 number located 300' S of painted dsplcd thld.

COMMUNICATIONS: CTAF 122.9

Ⓡ SEATTLE APP/DEP CON 126.5

SPOKANE**FELTS FLD** (SFF) 4 NE UTC-8(-7DT) N47°40.97' W117°19.35'

SEATTLE

1953 B S4 **FUEL** 100LL, JET A1 + OX 3, 4 LRA NOTAM FILE SFF

L-13B

RWY 03L-21R: H4500X150 (CONC) S-30 MIRL

IAP, AD

RWY 03L: REIL: VASI(V4L)—GA 3.0° TCH 50'. Road.**RWY 21R:** MALSR. VASI(V4R)—GA 3.5° TCH 59'. Tree. Rgt tfc.**RWY 03R-21L:** H3059X75 (ASPH) S-30**RWY 03R:** Thld dsplcd 415'. Bldg. Rgt tfc.**RWY 21L:** PAPI(P4L)—GA 3.8° TCH 42'. Trees.

AIRPORT REMARKS: Attended 1500-0200Z±. Waterfowl and birds on and invof arpt. Lgtd crane 1953' MSL (200' AGL) 1.25 NM east indef. Acft with tail heights over 20' must ctc ATCT prior to taxi. Twr unable to provide ATC svc on perimeter twy due to movement of uncontrolled ground tfc. PPR for rotorwing acft conducting hover ops above 10' AGL in non-movement area ctc twr. Obstacle free area for Twy A is delineated with a green line. Rwy 21L PAPI unusable byd 5° either side of centerline within 4 NM of thld. When twr clsd ACTIVATE MALSR Rwy 21R and REIL 03L-CTAF. VASI Rwy 03L and VASI Rwy 21R opr continuously. PAPI Rwy 21L opr SR-SS. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (509) 535-3290. HIWAS**COMMUNICATIONS:** CTAF 132.5 ATIS 120.55 UNICOM 122.95**SPOKANE RCO** 122.65 122.55 122.2 (SEATTLE RADIO)

Ⓡ SPOKANE APP/DEP CON 133.35

TOWER 132.5 (1400-0400Z±) **GND CON** 121.7**AIRSPACE:** CLASS D svc 1400-0400Z± other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE GEG.

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90' W117°37.61' 039° 14.2 NM to fld. 2755/21E. HIWAS.

NDB (MHW) 365 SFF N47°41.17' W117°18.71' at fld. NOTAM FILE SFF. SHUTDOWN.

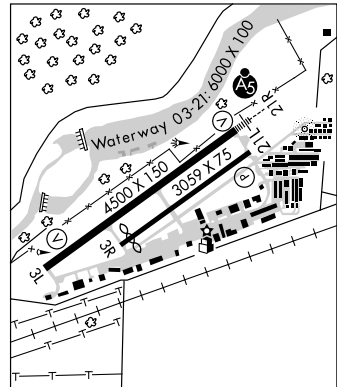
ILS/DME 111.7 I-FLZ Chan 54 Rwy 21R. LOC only. Localizer unusable 0.2 NM from rwy threshold. DME unusable 15° right of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

1910

WATERWAY 03-21: 6000X100 (WATER)**WATERWAY 21:** Rgt tfc.**SEAPLANE REMARKS:** Extensive boating in area of water rwy. Water level on river may be lowered by Corp of Engineers.

Water area adjacent to airport not controlled or maintained by airport. Waterway 03-21 water rwy advisory service only area not visible from twr. Ctc Felts twr 132.5 for tfc data.



SPOKANE INTL (GEG) 5 SW UTC-8(-7DT) N47°37.19' W117°32.03'

SEATTLE

2376 B S4 FUEL 100, 100LL, JET A OX 1, 2, 3, 4 Class I, ARFF Index B NOTAM FILE GEG H-1C, L-13B

RWY 03-21: H9001X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400 HIRL CL IAP, AD

RWY 03: ALSF2. TDZL. VASI(V6L)—Upper GA 3.25° TCH 87', Lower GA 3.0° TCH 54'. Rgt tfc. 0.5% down.

RWY 21: ALSF2. TDZL. PAPI(P4L). Ground. Rgt tfc. 0.8% up.

RWY 07-25: H8199X150 (ASPH-GRVD) S-150, D-180, ST-175, DT-280 MIRL

RWY 07: REIL. VASI(V4L)—GA 3.2° TCH 60'. Rgt tfc.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 07	03-21	2800
RWY 21	07-25	7000
RWY 25	03-21	4350

AIRPORT REMARKS: Attended 1400-0600Z+. Waterfowl and birds on and in/ovf arpt. Twy H restricted to wingspan of 75' or less. Twy K unlighted on ramp side along maintenance ramp and is unavailable below 1200 RVR unless under escort by "follow me". Rwy 21 ALSF2 may be operated as SSALR during favorable weather conditions. Be alert to turbulence over smoke stacks 1 mile E of arpt. U.S. Customs user fee arpt. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (509) 624-4406. HIWAS 115.5 GEG.**COMMUNICATIONS:** ATIS 124.325 UNICOM 122.95

RCO 122.65 122.55 122.2 (SEATTLE RADIO)

① APP/DEP CON 133.35 (026°-204°) 123.75 (205°-025°)

TOWER 118.3 GND CON 121.9 CLNC DEL 127.55

AIRSPACE: CLASS C svc ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE GEG.

(H) VORTACW 115.5 GEG Chan 102 N47°33.90' W117°37.61' 028° 5.0 NM to fld. 2755/21E. HIWAS.

VOR portion unusable:

360°-015° byd 22 NM blo 7,000'

335°-360° byd 18 NM blo 7,000'

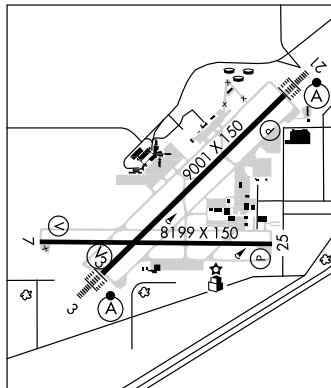
300°-330° byd 30 NM blo 9,000'

335°-360° byd 25 NM

PHORT NDB (LOM) 388 GE N47°40.62' W117°27.01' 207° 4.8 NM to fld.

ILS/DME 111.1 I-GEG Chan 48 Rwy 21. Class IIIE. LOM PHORT NDB.

ILS/DME 111.1 I-OLJ Chan 48 Rwy 03. Class IIIE.

**STAMPEDE PASS** N47°15.98' W121°22.07'/3964.

SEATTLE

ASOS 135.275 SMP (360) 886-2758

L-1D

STANWOOD**CAMANO ISLAND AIRFIELD** (13W) 3 NW UTC-8(-7DT) N48°15.42' W122°26.21'

SEATTLE

145 S4 NOTAM FILE SEA

RWY 16-34: H1750X24 (ASPH)

RWY 16: Tree. Rgt tfc. RWY 34: Brush. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Fri 1630-0130Z+. Do not taxi on grass Oct-May. Parallel driveway adjacent to Rwy 16-34.**COMMUNICATIONS:** CTAF 122.9**STARBUCK****LITTLE GOOSE LOCK AND DAM** (16W) 7 NE UTC-8(-7DT) N46°34.99' W118°00.06'

SEATTLE

681 NOTAM FILE SEA

RWY 07-25: 3400X50 (GRVL)

RWY 07: Road. RWY 25: Hill.

AIRPORT REMARKS: Unattended. CLOSED 1 Oct-1 June. CAUTION: Airport located in canyon rolling terrain 700-800' S rising to 750', canyon wall 800' S rises steeply to 1800'+, N wall rises to 1600'+. Pedestrians, vehicles, and animals on or in/ovf rwy. CTC Washington State Aviation Division 360-651-6300 or 1-800-552-0666 for facility information prior to use.**COMMUNICATIONS:** CTAF 122.9

STEHEKIN STATE (6S9) 3 NW UTC-8(-7DT) N48°20.74' W120°43.24'

SEATTLE

1230 NOTAM FILE SEA

RWY 13-31: 2630X100 (TURF)

RWY 13: Road.

RWY 31: Brush.

AIRPORT REMARKS: Unattended. Arpt CLOSED Oct-Jun. Pedestrians, vehicles and animals on or invof rwy. Ctc

Washington State Aviation Division 360-651-6300 or within Washington state 1-800-552-0666 for facility information prior to use.

COMMUNICATIONS: CTAF 122.9**STROM FLD** (See MORTON)**SULLIVAN LAKE STATE** (See METALINE FALLS)**SULTAN****SKY HARBOR** (S86) 1 E UTC-8(-7DT) N47°52.24' W121°47.54'

SEATTLE

282 NOTAM FILE SEA

RWY 07-25: 1930X100 (TURF)

RWY 07: Brush.

RWY 25: Brush.

AIRPORT REMARKS: Unattended. Ctc arpt manager 425-359-4625 for facility information prior to use. Watch for

animals and children on and invof arpt. West end very soft in winter and spring. Preferred rwy ops wind

permitting land W, tkf E. Avoid arpt during high wind conditions. No touch and go ops. No instruction or student

ops. Helicopter parking NE end of rwy.

COMMUNICATIONS: CTAF 122.9 UNICOM 122.8**SUNNYSIDE MUNI** (1S5) 2 E UTC-8(-7DT) N46°19.63' W119°58.22'

SEATTLE

L-13A

768 B FUEL 100LL NOTAM FILE SEA

RWY 07-25: H3423X60 (ASPH) S-12.5 LIRL

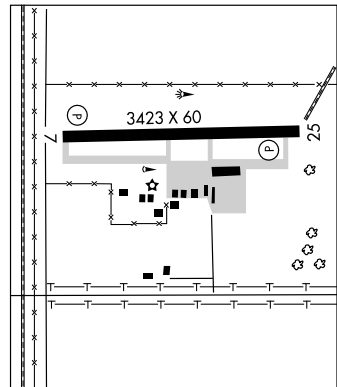
RWY 07: PAPI(P2L)—GA 3.0°. Road.

RWY 25: PAPI(P2L)—GA 3.0°. Pole.

AIRPORT REMARKS: Unattended.**COMMUNICATIONS:** CTAF 122.9 UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSC.

PASCO (L) VORW/DME 108.4 PSC Chan 21 N46°15.78'

W119°06.94' 256° 35.8 NM to fld. 400/20E.

**SWANSON** (See EATONVILLE)**TACOMA****AMERICAN LAKE SPB** (W37) 7 S UTC-8(-7DT) N47°08.49' W122°33.66'

SEATTLE

235 TPA-935(700) NOTAM FILE SEA

WATERWAY 02-20: 5500X500 (WATER)

SEAPLANE REMARKS: Attended 1800-0000Z+. Swimmers and boaters in the area. Day use only recommended. Noise

abatement procedures in effect, ctc airport manager 253-589-2489. Arpt underlies McCord AFB CLASS D

Airspace.

COMMUNICATIONS: CTAF 122.9

TACOMA NARROWS (TIW) 4 W UTC-8(-7DT) N47°16.08' W122°34.69'

SEATTLE

294 B S4 FUEL 100LL JET A OX 4 TPA-1294(1000) LRA NOTAM FILE TIW

H-1B, L-1D

RWY 17-35: H5002X150 (ASPH-AFSC) S-50, D-80, ST-102, DT-80, DDT-150 MIRL

IAP, AD

RWY 17: MALSR. PAPI(P4R)—GA 3.0°. TCH 50'. Rgt. tfc.

RWY 35: REIL. VASI(V4L)—GA 3.0° TCH 51'.

AIRPORT REMARKS: Attended 1500-0600Z. Deer on and in vicinity of arpt. Noise sensitive arpt, for noise abatement and tfc procedures call arpt manager 253-853-5844. ACTIVATE MALSR Rwy 17 and PAPI Rwy 17—CTAF. For customs call 253-593-6338 ext #2. Landing fee.

WEATHER DATA SOURCES: ASOS (253) 858-6507. LAWSRS**COMMUNICATIONS:** CTAF 118.5 ATIS 124.05 UNICOM 122.95

⑧ SEATTLE APP/DEP CON 120.1

TOWER 118.5 (1600-0400Z) GND CON 121.8

AIRSPACE: CLASS D svc 1600-0400Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE TCM.

McCHORD (T) VORTAC 109.6 TCM Chan 33 N47°08.26'

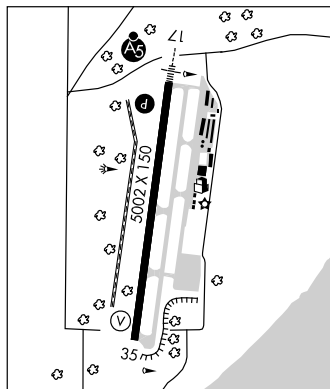
W122°28.59' 310° 8.9 NM to fld. 284/22E. No NOTAM MP Thu 0700-1400Z.

GRAYE NDB (MHW/LOM) 216 GR N47°09.02'

W122°36.28' 351° 7.1 NM to fld. NOTAM FILE GRF.

Unmonitored when ATCT closed.

ILS 109.1 I-TIW Rwy 17. Class IB. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.**TATOOSH** N48°17.99' W124°37.62'. NOTAM FILE SEA.

SEATTLE

(H) VORTACW 112.2 TOU Chan 59 151° 21.9 NM to Quillayute. 1652/22E. HIWAS.

H-1A, L-1D

RCO 122.25 (SEATTLE RADIO)

TEKOA**WILLARD FLD** (73S) 2 NE UTC-8(-7DT) N47°14.13' W117°02.63'

SEATTLE

2520 B FUEL 100LL NOTAM FILE SEA

RWY 04-22: H2260X40 (ASPH) MIRL

RWY 04: Tree.

RWY 22: P-line.

AIRPORT REMARKS: Unattended. Self service fuel with credit card. Parachute Jumping. Grass areas not avbl for acft ops. Rwy 04-22 yellow centerline only. ACTIVATE MIRL Rwy 04-22—122.8.

COMMUNICATIONS: CTAF 122.9**TIETON STATE** (See RIMROCK)**TOLEDO****ED CARLSON MEMORIAL FLD—SOUTH LEWIS CO** (TDO) 3 N UTC-8(-7DT)

SEATTLE

N46°28.63' W122°48.39'

L-1C

374 B S4 FUEL 100 NOTAM FILE TDO

RWY 05-23: H4479X150 (ASPH) S-25 MIRL

RWY 05: REIL. SAVASI(S2L)—GA 3.0° TCH 40'. Windcone.

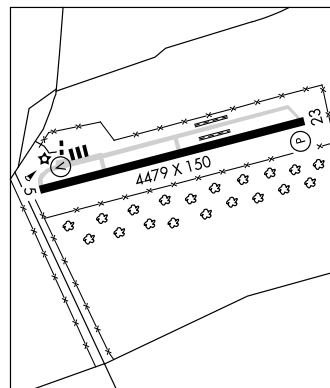
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.

AIRPORT REMARKS: Unattended. 24 hr credit card fuel facility. Parachute Jumping. Radio controlled acft adjacent Rwy 05-23 400' and blo. Distance to go markers S side of rwy. ACTIVATE MIRL Rwy 05-23 and REIL Rwy 05 and Rwy 23—CTAF. SAVASI Rwy 05 and PAPI Rwy 23 opr 24 hrs.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE OLM.

OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30'

W122°54.11' 153° 29.9 NM to fld. 200/19E. HIWAS.



TONASKET MUNI (W01) 2 NW UTC-8(-7DT) N48°43.49' W119°27.94'

SEATTLE

1311 B NOTAM FILE SEA

L-13A

RWY 15-33: H3053X50 (ASPH) MIRL

RWY 15: PAPI(P2L)—GA 5.0° TCH 37'. Ground. Rgt tfc.

RWY 33: PAPI(P2L)—GA 4.5° TCH 31'. Fence.

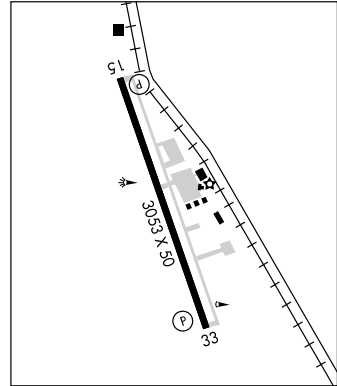
AIRPORT REMARKS: Unattended. Mountains surround arpt. For night ops and wind permitting land Rwy 33 and depart Rwy 15. Rwy 15-33 settling and ravelling at ends and along sides. Distance to go markers S side arpt. ACTIVATE MIRL Rwy 15-33—CTAF.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68'

W119°25.44' 338° 80.9 NM to fld. 1250/21E.



TRI-CITIES (See PASCO)

TRINA N46°10.53' W118°11.77'. NOTAM FILE ALW.

SEATTLE

NDB (LOM) 353 AL 198° 6.2 NM to Walla Walla Rgnl.

TWISP MUNI (2S0) 1 SE UTC-8(-7DT) N48°21.04' W120°05.64'

SEATTLE

1602 B NOTAM FILE SEA

RWY 10-28: H2701X36 (ASPH) MIRL (NSTD)

RWY 10: Trees.

RWY 28: PAPI(P2L)—GA 4.0°. Thld dsplcd 200'. Road.

AIRPORT REMARKS: Unattended. Mountainous terrain surrounds arpt. Deer and pedestrians on and in vicinity of arpt.

Rwy 10-28 NSTD MIRL. Rwy 10 lgtd thld relocated 124'. Rwy 28 lgtd thld relocated 200'. Only 2366' of Rwy 10-28 lgtd for ngt ops. Rwy 28 dsplcd thld marked by lgt fixture. Rwy 10 no rwy markings. ACTIVATE rotating bcn and MIRL Rwy 10-28 and PAPI Rwy 28—CTAF.

COMMUNICATIONS: CTAF 122.9

VANCOUVER N45°41.92' W122°55.52'

SEATTLE

RCO 122.35 (SEATTLE RADIO)

L-1C

VANCOUVER

FLY FOR FUN (W56) 4 NE UTC-8(-7DT) N45°41.24' W122°31.31'

SEATTLE

297 NOTAM FILE SEA

RWY 07-25: 2434X50(TURF)

RWY 07: P-line.

RWY 25: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED Christmas and Easter. Taxi on rwy and mowed grass areas only.

COMMUNICATIONS: CTAF 122.9

PEARSON FLD (VUO) 2 SW UTC-8(-7DT) N45°37.23' W122°39.39'

SEATTLE

25 S4 FUEL 100LL OX 2 TPA-1025(1000) NOTAM FILE VUO

L-1C

RWY 08-26: H3275X60 (ASPH) MIRL

IAP

RWY 08: REIL. VASI(V4R)—GA 3.75° TCH 31'. Bridge.

RWY 26: REIL. PAPI(P2R). Thld dsplcd 762'. Tree. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 08: TORA-3275 TODA-3275 ASDA-3065 LDA-3065

RWY 26: TORA-3275 TODA-3275 ASDA-3275 LDA-2513

AIRPORT REMARKS: Attended Nov-Mar Mon-Fri 1630-0130Z†, Apr-Oct Mon-Fri 1600-0400Z†. Self service fuel avbl 24 hrs by credit card. Geese on and invof arpt. Rwy 08 thld relocated 762' for ngt ops, 2513' of Rwy 08-26 usable at ngt. When operating over the rwy centerline or rwy centerline extended—maintain at or blo 700' MSL due to tfc and wake turbulence from overflying acft to/from Portland International arpt Rwy 10L-28R. Portland International arpt Rwy 10L-28R extended centerline crosses Pearson Rwy 08 thld. Rwy 08-26 860' stopway on west end. Rwy 08 VASI unusable byd 6° left and right of rwy centerline.

WEATHER DATA SOURCES: ASOS 135.125 (360) 696-1280.**COMMUNICATIONS:** CTAF/UNICOM 123.0

VANCOUVER RCO 122.35 (SEATTLE RADIO)

Ⓡ PORTLAND APP CON 118.1 (100°-279°) 124.35 (280°-099°)

Ⓡ PORTLAND DEP CON 124.35

CLNC DEL 121.65

VFR ADVSY SVC 119.0

AIRSPACE: CLASS D svc continuous. Acft will ctc Portland Intl, or twr Clnc Del on 119.0 prior to entering Class D airspace and prior to dep.

RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.

BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87' W122°35.49' 179° 8.1 NM to fld. 253/21E.

LDA 111.3 I-IAP Rwy 08.

COMM/NAV/WEATHER REMARKS: Arrivals ctc Portland twr on 119.0 prior to entering CLASS D airspace for traffic and wake turbulence advisories. Departures ctc Portland twr on 119.0 prior to dep.

VASHON MUNI (2S1) 1 NW UTC-8(-7DT) N47°27.52' W122°28.45'

SEATTLE

316 TPA-1299 (983) NOTAM FILE SEA

RWY 17-35: 2001X60 (TURF) LIRL (NSTD)

RWY 17: Trees. Rgt tfc.

RWY 35: Road.

AIRPORT REMARKS: Unattended. Occasional large wild animals on arpt. Rwy 17-35 soft when wet. Hangars 90' east and west of centerline. Deep ditch 5-10' west of rwy edge the full length. Touch and go ldgs not recommended. Turbulence possible at N end of Rwy 17-35 with strong crosswinds. Helicopter parking area restricted to Medevac ops. Use noise abatement procedures climb straight ahead to 700' AGL. Recommend calling for fld conditions 206-463-3142. Night operations only for pilots familiar with arpt close in obstructions. Rwy 17-35 NSTD LIRL, thld lgts 360° green.

COMMUNICATIONS: CTAF 122.9

 • • • • •

HELIPAD H1: 98X98 (TURF) Rwy LGTS (NSTD)

HELIPORT REMARKS: Helipad H1 yellow perimeter lgts. Helipad H1 for medivac emerg svcs only.

VISTA FLD (See KENNEWICK)

WALLA WALLA

PAGE (9W2) 2 S UTC-8(-7DT) N46°00.99' W118°22.23'
 800 NOTAM FILE SEA Not insp
RWY 09-27: 2000X25 (TURF)
RWY 09: Rgt t/c.
AIRPORT REMARKS: Unattended.
COMMUNICATIONS: CTAF 122.9

SEATTLE

WALLA WALLA RGNL (ALW) 3 NE UTC-8(-7DT) N46°05.69' W118°17.34'

SEATTLE

1194 B S4 FUEL 100LL, JET A OX 2 Class I, ARFF Index A NOTAM FILE ALW

H-1C, L-13A

RWY 02-20: H6527X150 (ASPH-GRVD) S-60, D-72, DT-110 HIRL 0.6% up NE

IAP, AD

RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 45'.**RWY 20:** MALSR. PAPI(P4L)—GA 3.0° TCH 50'.**RWY 16-34:** H5948X150 (ASPH-CONC) S-40, D-55,
DT-105 0.3% up SE**RWY 16:** Ground.**RWY 07-25:** H4486X150 (ASPH-CONC) S-42, D-55,
DT-105 1.3% up E.

AIRPORT REMARKS: Attended 1600-0100Z†. Self svc credit card fueling facility located 600' N of tower. For svc after hours call 509-529-4243. ARFF services avbl during scheduled air carrier opr. CLOSED to unscheduled air carrier ops with more than 30 passenger seats except PPR call arpt manager 509-525-3100. Rwy 07-25 CLOSED to scheduled air carrier opr. Rwy 16-34 CLOSED to scheduled air carrier opr. Rwy 16-34, Twy G clsd to air carrier opr. Rwy 07-25 large cracks and surface variations may impair directional control of Part 139 air carrier acft. Rwy 16-34 large cracks and surface variations. Rwy 16-34 taxiways F and G closed to air carrier opr. When twr clsd ACTIVATE MALSR Rwy 20, REIL Rwy 02, HIRL Rwy 02-20 and PAPI Rwy 02 and Rwy 20—CTAF.

WEATHER DATA SOURCES: ASOS 135.875 (509) 525-3014.**COMMUNICATIONS:** CTAF 118.5

RCO 122.3 (SEATTLE RADIO)

① CHINOOK APP/DEP CON 133.15 (1400-0600Z†).

① SEATTLE CENTER APP/DEP CON 132.6 (0600-1400Z†).

TOWER 118.5 (1430-0300Z†) GND CON 121.6

AIRSPACE: CLASS D svc 1430-0300Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALW.

(L) VOR/DME 116.4 ALW Chan 111 N46°05.22' W118°17.55' at fld. 1179/20E.

VOR/DME portions unusable:

010°-065° byd 31 NM blo 12,500'

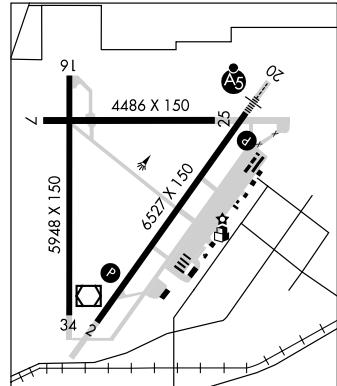
095°-140° byd 20 NM blo 13,500'

065°-095° byd 20 NM blo 14,500'

DME portion unusable: 140°-145° byd 20 NM blo 11,500'

TRINA NDB (LOM) 353 AL N46°10.53' W118°11.78' 199° 6.2 NM to fld.

ILS 111.7 I-ALW Rwy 20. Class IE. LOM TRINA NDB.

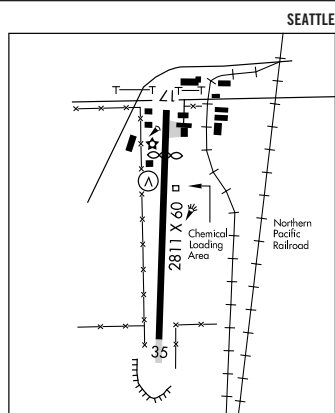
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.**WALLULA** N46°01.36' W118°51.52'

SEATTLE

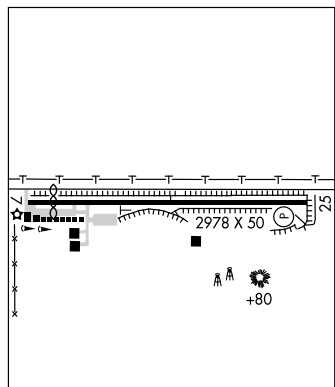
RCO 122.6 (MC MINNVILLE RADIO)

L-13A

WARDEN (2S4) 1 W UTC-8(-7DT) N46°57.95' W119°03.98'
 1276 B NOTAM FILE SEA
RWY 17-35: H2811X60 (ASPH) MIRL
RWY 17: SAVASI(S2R). Thld dsplcd 560'.
AIRPORT REMARKS: Unattended. Rwy 17-35 320' grvl overrun south
 end. Rwy 17-35 centerline paint chipping. No rwy numbers.
COMMUNICATIONS: CTAF 122.9



WATERVILLE (2S5) 1 NE UTC-8(-7DT) N47°39.36' W120°03.39'
 2645 B FUEL 100LL NOTAM FILE SEA
RWY 07-25: H2978X50 (ASPH) S-5 MIRL
RWY 07: Thld dsplcd 270'. Road.
RWY 25: PAPI(P2L)—GA 3.0°. Pole.
AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z±. First 272' of west
 end Rwy 07-25 unlgtd.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68'
 W119°25.44' 282° 30.7 NM to fld. 1250/21E.



WATON N48°04.57' W122°09.23'. NOTAM FILE AWO.
NDB (LOM) 382 AW 338° 5.1 NM to Arlington Muni.

SEATTLE

WENATCHEE N47°23.98' W120°12.65' NOTAM FILE EAT.
(L) VORW/DME 111.0 EAT Chan 47 at Pangborn Mem. 1224/19E. **HIWAS.** DME unmonitored.
 HIWAS unavailable.
VOR/DME unusable:
 303°-073° byd 20 NM
 073°-118° byd 25 NM blo 5,500'
 118°-153° byd 15 NM blo 14,500'
RCO 122.6 (SEATTLE RADIO)

SEATTLE
L-13A

153°-243° byd 15 NM
 243°-263° byd 35 NM blo 12,000'
 290°-303° byd 14 NM blo 7,900'

WENATCHEE**PANGBORN MEM** (EAT) 4 E UTC-8(-7DT) N47°23.89' W120°12.34'

SEATTLE

1249 B S4 FUEL 100LL, JET A OX 1, 2 Class I, ARFF Index B NOTAM FILE EAT

H-1B, L-1D, 13A

RWY 12-30: H5700X150 (ASPH-GRVD) S-75, D-100, ST-97, DT-250 MIRL

IAP

RWY 12: REIL. PAPI(P4L)—GA 3.6° TCH 50'. Road. Rgt tfc.

RWY 30: RAIL, REIL.

RWY 07-25: H4460X75 (ASPH) S-50, D-77, ST-97, DT-136

1.0% up SE

RWY 07: Tree. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-4460 TODA-4460 ASDA-4460 LDA-4460

RWY 12: TORA-5700 TODA-5700 ASDA-5700 LDA-5700

RWY 25: TORA-4460 TODA-4460 ASDA-4460 LDA-4460

RWY 30: TORA-5700 TODA-5700 ASDA-5700 LDA-5700

AIRPORT REMARKS: Attended continuously. Rwy 07-25 CLOSED to all night operations. CLOSED to air carrier operations. Rwy 07-25 has extensive cracks, vegetation, and surface deterioration. Rwy 12 preferred no wind rwy. 24 hr PPR for unscheduled air carrier operations with more than 30 passenger seats call arpt ops, 509-860-1852. Bird hazard. Glider activity from Mar-Nov. Reflectors on Twys D and F only. ACTIVATE MIRL Rwy 12-30, REIL Rwy 12 and Rwy 30—CTAF.

WEATHER DATA SOURCES: ASOS 119.925 (509) 886-4226.

HIWAS 111.0 EAT.

COMMUNICATIONS: CTAF/UNICOM 123.0

BADGER MOUNTAIN RCO 122.3 (SEATTLE RADIO)

WENATCHEE RCO 122.6 (SEATTLE RADIO)

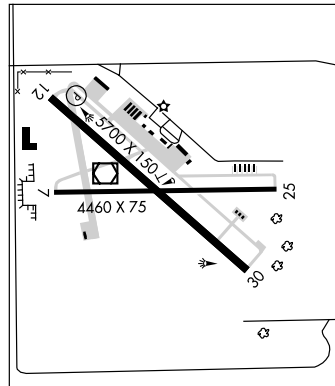
SEATTLE CENTER APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE EAT.

WENATCHEE (L) VORW/DME 111.0 EAT Chan 47 N47°23.98' W120°12.65' at fld. 1224/19E. HIWAS.

DME unmonitored.

ILS/DME 109.35 I-ADJ Chan 30(Y) Rwy 12. LOC unusable byd 15 NM blo 5700'.

COMM/NAV/WEATHER REMARKS: HIWAS unavailable.**WESTPORT** (14S) 1 N UTC-8(-7DT) N46°53.82' W124°06.05'

SEATTLE

14 NOTAM FILE SEA

RWY 12-30: H2318X50 (ASPH) MIRL

RWY 12: VASI(V2L). RWY 30: VASI(V2L). Rgt tfc.

AIRPORT REMARKS: Unattended. Large bird nesting area adjacent to Rwy 12-30. Rwy 12-30 soft shoulders.**COMMUNICATIONS:** CTAF 122.9**WHATCOM** N48°56.72' W122°34.76' NOTAM FILE BLI

SEATTLE

(H) VORTACW 113.0 HUH Chan 77 150° 9.3 NM to Bellingham Intl. 83/20E HIWAS

H-1B, L-1E

WHIDBEY AIR PARK (See LANGLEY)

WHIDBEY ISLAND NAS (AULT FLD) (NUW) (KNUW) N 3 N UTC-8(-7DT)

SEATTLE

N48°21.11' W122°39.36'

H-1B, L-1E

47 B TPA—See Remarks NOTAM FILE NUW Not insp.

DIAP, AD

RWY 14-32: H8001X200 (CONC) PCN 73 R/B/W/T HIRL CL

RWY 14: ALSF1. OLS. TDZL. REIL. RWY 32: ALSF1. OLS. TDZL. REIL.

RWY 07-25: H8000X200 (CONC) S-142, D-257, DT-445 PCN 45 R/B/W/T HIRL

RWY 07: OLS. REIL.

RWY 25: ALSF1. REIL. OLS.

ARRESTING GEAR/SYSTEM

RWY 14 ← HOOK E5 (15' OVRN) HOOK E28(B) (1420')

HOOK E28(B) (1925') HOOK E5 (15' OVRN →) RWY 32

RWY 07 ← HOOK E5 (15' OVRN) HOOK E28(B) (2425')

HOOK E28(B) (1930') HOOK E5 (15' OVRN →) RWY 25

MILITARY SERVICE: A-GEAR E5 RATINGS—07-355 HEAVY WEIGHT (DRY), 25-335 HEAVY WEIGHT (DRY), 14-620 HEAVY WEIGHT (DRY), 32-595 HEAVY WEIGHT (DRY). JASU 1(NC-8A/A1) 1(NC-10C) 1(GTC-85/GTE-85)

1(NC-PP-105/RCPT-105) FUEL J8, J5 FLUID SP PRESEAIR De-ice LHOX LOX OIL O-156 SOAP

TRAN ALERT Transient crews must be ready to provide technical direction/assistance in svc/maintenance. Ltd svc/maintenance avbl Mon-Fri 1500-2300Z†, no maintenance Sat, Sun and holidays. Air terminal opr 1400-0200Z†, as rqr other times.**MILITARY REMARKS:** See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR for all acft except Search and Rescue/Medevac ctc Air Terminal Supervisor, 1430-0100Z† at DSN 820-2604/6707, C360-257-2604/6707. Prior coordination/flt advisory rqr for AMC/JOSAC/NALO missions. **CAUTION** Rwy 14-32 portion of SE end between 3000' and 2000' remaining marker not fully visible from twr. All E5 overrun A-Gear rigged at all times, accidental engagement in the wrong direction will result in acft damage and may result in injury or loss of life. Bird hazard, See FLIP AP/1 Supplementary Arpt Remark. **TFC PAT** TPA—Overhead initial 3000(2953), overhead break 1500(1453) day, 1700(1653) night, pattern alt 1000(953) day, 1200(1153) night. Reduced rwy separation standard in effect USN/USMC acft. UHF equipped acft use UHF twr frequency. **CS/TMS/AG/IMG** Avbl only for Whidbey based military acft from Canada, 48 hr prior notice, ctc OPS Duty Officer DSN 820-2681/2682, C360-257-2681/2682. Base OPS DSN 820-2884/2885, C360-257-2884-2885. **MISC** Precision Approach and Landing Systems Data Link frequency 313.3, TRN-28 Chan 18.**COMMUNICATIONS:** ATIS 134.15 281.5① **APP/DEP CON** 118.2 285.65 (West) 120.7 270.8 (East)**TOWER** 127.9 340.2 **GND CON** 121.75 336.4 **CLNC DEL** 124.15 135.1 379.9**PRE TAXI CLNC** 124.15 135.1 380.0**PMSV METRO** 343.4 **BASE OPS** 350.1**AIRSPACE:** CLASS C svc ctc **APP CON**.**RADIO AIDS TO NAVIGATION:** NOTAM FILE NUW.(H) **TACAN** NUW (113.8) Chan 85 N48°21.30' W122°39.71' at fld. 51/18E. TACAN unusable 133°-163° byd 30 NM blo 4,000'.**ILS** 110.1 I-NUW RWY 14. Unusable byd 3° W of course and byd 5° E of course due to lack of defined glide path and clearance above path. GS unusable byd 5° left and 3° right of course.**ASR/PAR****COMM/NAV/WEATHER REMARKS:** VFR advisory svc ctc **APP CON**. Pre-taxi clnc 135.1 used for pre taxi clnc at NUW, 124.15 on gnd clnc del at CLM—Port Angeles. Radar see Terminal FLIP for Radar Minima.**WILBUR** (2S8) 2 SW UTC-8(-7DT) N47°45.25' W118°44.59'

SEATTLE

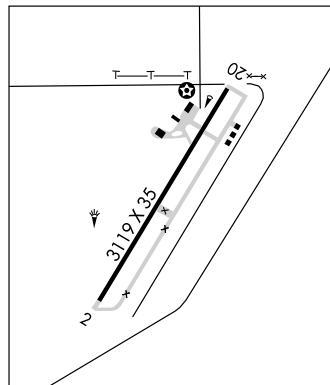
2182 B FUEL 100LL, JET A NOTAM FILE SEA

L-13A

RWY 02-20: H3119X35 (ASPH) MIRL

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†. Grvl twy not useable. Rwy 02-20 gravel on shoulders is soft and deep. Acft on agricultural ramp, NE side of arpt parked in primary surface. ACTIVATE MIRL Rwy 02-20 and rotating bcn—CTAF.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE EPH.**EPHRATA (H) VORTACW** 112.6 EPH Chan 73 N47°22.68'

W119°25.44' 030° 35.7 NM to fld. 1250/21E.

**WILLARD FLD** (See TEKOA)

WILLAPA HARBOR (See SOUTH BEND (RAYMOND))

WILLIAM R FAIRCHILD INTL (See PORT ANGELES)

WILL ROGERS WILEY POST MEM SPB (See RENTON)

WILSON CREEK (5W1) 1 E UTC-8(-7DT) N47°25.49' W119°06.90'

SEATTLE
L-13A

1440 NOTAM FILE SEA

RWY 10-28: H3074X50 (ASPH)

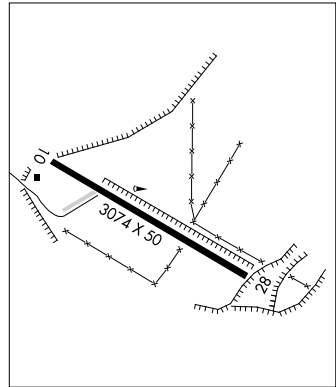
AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68'

W119°25.44' 056° 12.9 NM to fld. 1250/21E.



WINTHROP

METHOW VALLEY STATE (S52) 3 SE UTC-8(-7DT) N48°25.50' W120°08.75'

SEATTLE
H-1B, L-13A

1706 B NOTAM FILE SEA

RWY 13-31: H5049X75 (ASPH) S-30 MIRL

RWY 13: Thld dsplcd 129'. Fence.

RWY 31: Thld dsplcd 231'. Road.

AIRPORT REMARKS: Unattended. Heavily loaded acft may be making straight out departures and long final apch all dalgth hours May-September. Mountainous terrain surrounds arpt. ACTIVATE rotating bcn-CTAF. ACTIVATE MIRL Rwy 13-31-CTAF.

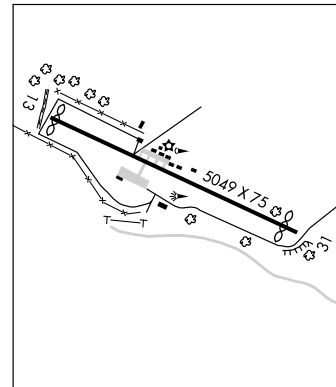
WEATHER DATA SOURCES: AWOS-3 118.425 (509) 997-0142.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68'

W119°25.44' 314° 69.3 NM to fld. 1250/21E.



WOODLAND STATE (W27) 1SE UTC-8(-7DT) N45°53.93' W122°44.24'

SEATTLE

29 NOTAM FILE SEA

RWY 14-32: H1953X25 (ASPH) LIRL

RWY 14: Thld dsplcd 290'. Pole. Rgt tfc.

RWY 32: Brush.

AIRPORT REMARKS: Unattended. Pedestrians, vehicles and animals on or invof rwy. 12' dike northwest end. Extreme turbulence possible when winds from the east. P-lines and building in apch to Rwy 14. Rwy 32 trees, bridge, low hill at southeast end.

COMMUNICATIONS: CTAF 122.9

YAKIMA AIR TERMINAL/MCALLISTER FLD

(YKM)(KYKM) P 3 S UTC-8(-7DT)

SEATTLE

N46°34.09' W120°32.64'

H-1B, L-13A

1099 B S4 FUEL 100LL, JET A OX 1, 3 Class I, ARFF Index A NOTAM FILE YKM

IAP, DIAP, AD

RWY 09-27: H7604X150 (ASPH-PFC) S-95, D-160, ST-175, DT-220, DDT-550 PCN 33 F/C/X/T

HIRL 0.7% up W

RWY 09: REIL. VASI(V4L)—GA 3.0° TCH 50'.**RWY 27:** MALSR. PAPI(P4L)—GA 3.0° TCH 59'. Road.**RWY 04-22:** H3835X150 (ASPH-PFC) S-70, D-80, ST-102, DT-120 PCN 28 F/C/X/T MIRL 0.5% up SW**RWY 04:** REIL. PAPI(P4L)—GA 3.0° TCH 50'.**RWY 22:** REIL. PAPI(P4L)—GA 3.03° TCH 47'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 04:** TORA-3835 TODA-3835 ASDA-3835 LDA-3835**RWY 09:** TORA-7604 TODA-7604 ASDA-7604 LDA-7604**RWY 22:** TORA-3835 TODA-3835 ASDA-3835 LDA-3835**RWY 27:** TORA-7604 TODA-7604 ASDA-7604 LDA-7604

AIRPORT REMARKS: Attended continuously. Be alert: Birds invof Yakima River 5 NM east of approach to Rwy 27. Rwy 04-22 some spalling and raveling. PPR for unscheduled air carrier ops with more than 30 passenger seats, call arpt manger 509-575-6149/6014. Twy B from approach end of Rwy 22 to Twy A rstd to acft with wingspans 79' or less. When twr clsd ACTIVATE HIRL Rwy 09-27 and MALSR Rwy 27—CTAF.

WEATHER DATA SOURCES: ASOS (509) 248-1502.**COMMUNICATIONS:** CTAF 133.25 ATIS 125.25 UNICOM 122.95**RCO** 122.5 (SEATTLE RADIO)**CHINOOK APP/DEP CON** 123.8 263.15 (1400-0600Z‡) **SEATTLE CENTER APP/DEP CON** 132.6 269.35 (0600-1400Z‡)**TOWER** 133.25 (1400-0600Z‡) **GND CON** 121.9 **CLNC DEL** 121.9**AIRSPACE:** CLASS D svc 1400-0600Z‡ other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE YKM.**(H) VORTACW** 116.0 YKM Chan 107 N46°34.21' W120°26.68' 247° 4.1 NM to fld. 984/21E.

VOR portion unusable:

350°-080° byd 25 NM blo 9,000'

109°-135° byd 25 NM blo 6,000'

025°-035° byd 5 NM blo 6,000'

135°-180° byd 30 NM blo 7,500'

080°-105° byd 35 NM blo 6,000'

195°-225° byd 30 NM blo 8,500'

105°-107° byd 25 NM blo 6,000'

305°-335° byd 30 NM blo 9,000'

DME unusable:

095°-115° byd 26 NM blo 8,000'

207°-230° byd 20 NM blo 10,000'

095°-115° byd 35 NM

290°-315° byd 20 NM blo 11,000'

115°-207° byd 20 NM blo 8,500'

315°-080° byd 12 NM blo 15,000'

115°-207° byd 36 NM blo 10,000'

DONNY NDB (LOM) 371 YK N46°31.54' W120°22.33' 274° 7.6 NM to fld. Unmonitored when twr clsd.**ILS** 110.1 I-YKM Rwy 27. LOM DONNY NDB. ILS unmonitored when tower closed.**COMM/NAV/WEATHER REMARKS:** During hours twr is clsd all ops in vicinity of arpt restricted to acft with VHF radio capability, unless an emerg exist necessitating UHF equipped acft to land.

AFTON MUNI (AFO) 1 SW UTC-7(-6DT) N42°42.53' W110°56.53'

6221 B S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE CPR

RWY 16-34: H7025X75 (ASPH-PFC) S-24 MIRL 0.5% up S

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Pole. Rgt tfc.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Tree.

AIRPORT REMARKS: Attended 1500-0000Z±. Fuel avbl 24 hrs by self svc with credit card. Ultralight activity invof arpt. Snowbanks 4' to 7' along rwys and taxiways edges from Oct-May with slick spots all surfaces. ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34 and PAPI Rwy 16 and Rwy 34—CTAF.

WEATHER DATA SOURCES—AWOS-3 119.025 (307) 885-2654.**COMMUNICATIONS:** CTAF/UNICOM 122.8

BIG PINEY RCO 122.3 (CASPER RADIO)

SALT LAKE CENTER APP/DEP CON 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE BPI.

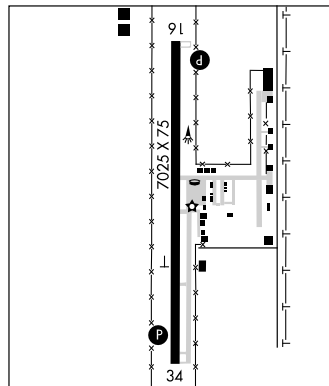
BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42°34.77'

W110°06.55' 266° 37.7 NM to fld. 6960/16E.

SALT LAKE CITY

H-3D, L-11D

IAP

**ALPINE** (46U) 1 NW UTC-7(-6DT) N43°11.08' W111°02.55'

5634 FUEL 100LL TPA-6634(1000) NOTAM FILE CPR

RWY 13-31: H5850X50 (ASPH) S-5

RWY 13: Rgt tfc.

RWY 31: Thld displcd 400'. Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED nights. Fuel avbl by 24 hr credit card service. Birds on and invof arpt. Glider ops invof arpt, including tfc pat. Fences, buildings and trees within 120' N and S of centerline first 4100' Rwy 31.

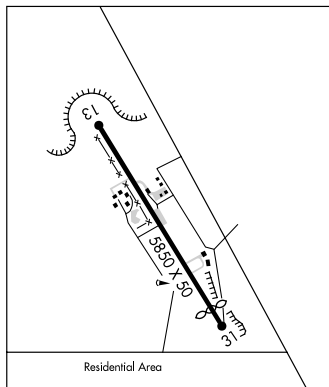
COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PIH.

POCATELLO (H) VORTACW 112.6 PIH Chan 73 N42°52.22'

W112°39.13' 058° 73.3 NM to fld. 4433/17E.

SALT LAKE CITY

H-3D, L-11D

**ANTELOPE GAP** N42°01.82' W104°44.58'

RCO 122.2 (CASPER RADIO)

CHEYENNE

L-12F

BIG PINEY N42°34.77' W110°06.55' NOTAM FILE BPI.

(H) VORW/DME 116.5 BPI Chan 112 at Mile Mem Fld. 6960/16E.

RCO 122.3 (CASPER RADIO)

SALT LAKE CITY

H-3D, L-11D

BIG PINEY**MILEY MEM FLD** (BPI) 3 N UTC-7(-6DT) N42°35.11' W110°06.67'**SALT LAKE CITY**

6990 B S2 FUEL 100LL, JET A NOTAM FILE BPI

H-3D, L-11D

RWY 13-31: H6803X75 (ASPH-PFC) S-22, D-33.6 MIRL 0.7% up NW

IAP

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 30'.

RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 30'.

RWY 08-26: 3300X140 (TURF-DIRT) 0.5% up W

RWY 08: Pole.

AIRPORT REMARKS: Attended 1400-0100Z+. For assistance call 307-276-4299. For FBO svc after hrs call 307-749-1410. Fuel avbl 24 hr. Credit card service. Wildlife on and in vicinity of arpt. Rwy 08-26 no line of sight between rwy ends. 3' to 5' snowbanks along rwy and twy edges during winter months. Rwy 31 last 1000' rollout end of rwy amber and white MIRL. ACTIVATE MIRL Rwy 13-31, PAPI Rwy 13 and Rwy 31, and REIL Rwy 13 and Rwy 31—122.7.

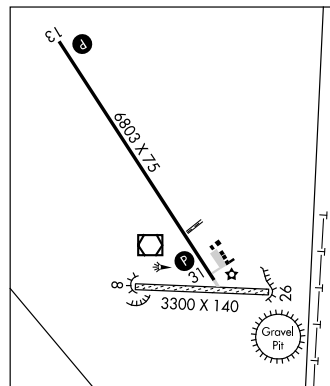
WEATHER DATA SOURCES: ASOS 135.225 (307) 276-9917.**COMMUNICATIONS:** CTAF/UNICOM 122.8

BIG PINEY RCO 122.3 (CASPER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BPI.

BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42°34.77'

W110°06.55' at fld. 6960/16E.

**BOYSEN RESERVOIR** N43°27.79' W108°17.98' NOTAM FILE CPR.**CHEYENNE**

(H) VORW/DME 117.8 BOY Chan 125 132° 14.9 NM to Shoshoni Muni. 7550/16E.

H-3E, L-11E

RCO 122.3 (CASPER RADIO)

BUFFALO**JOHNSON CO** (BYG) 3 NW UTC-7(-6DT) N44°22.87' W106°43.31'**CHEYENNE**

4968 B S4 FUEL 100LL, JET A OX 1 NOTAM FILE BYG

H-1E, 2F, L-13D

RWY 13-31: H6143X75 (ASPH) S-12.5 MIRL 1.1% up NW

IAP

RWY 13: VASI(V2L)—GA 4.0° TCH 36'. Fence.

RWY 31: REIL. VASI(V2L)—GA 3.0° TCH 32'.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z+. Sat 1500-1900Z+. For fuel after hrs call 307-684-5297. For svc after hrs call 307-684-5297. Terrain drops off both sides of Rwy 13-31. Rwy 31 +250' drop 170' left first 417'. Deer on and invof arpt. NSTD markings Rwy 13-31 thld markings of irregular width, spacing and number. NSTD markings Rwy 31 Twy lead in line to Rwy 31 NSTD speparation from centerline. ACTIVATE MIRL Rwy 13-31, VASI Rwy 13 and Rwy 31 and REIL Rwy 31—CTAF.

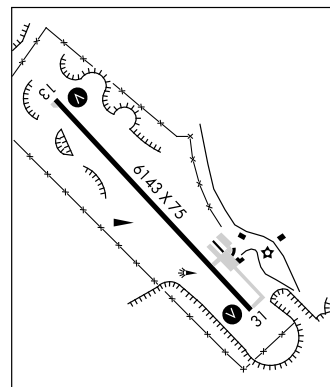
WEATHER DATA SOURCES: ASOS 135.425 (307) 684-2558.**COMMUNICATIONS:** CTAF/UNICOM 122.8

CRAZY WOMAN RCO 122.025 (CASPER RADIO)

RADIO AIDS TO NAVIGATIONS: NOTAM FILE CPR.

CRAZY WOMAN (H) VORW/DME 117.3 CZI Chan 120 N43°59.98'

W106°26.14' 319° 26.0 NM to fld. 4798/13E.

**CAMP GUERNSEY** (See GUERNSEY)**CASPER****CHEYENNE**

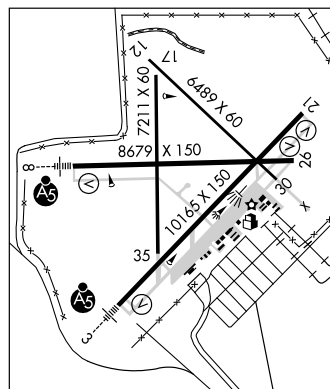
FSS (CPR) TF 1-800-WX-BRIEF.

L-11E, 12F

RCO 122.4 122.2 (CASPER RADIO)

CASPER**CASPER/NATRONA CO INTL** (CPR) 7 NW UTC-7(-6DT) N42°54.48' W106°27.87'**CHEYENNE**5350 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index B
NOTAM FILE CPRH-3E, 5A, L-11E, 12F
IAP, AD**RWY 03-21:** H10165X150 (ASPH-GRVD) S-130, D-170, ST-175, DT-270 HIRL**RWY 03:** MALSR. VASI(V4R)—GA 3.0° TCH 53'.**RWY 21:** REIL. VASI(V4L)—GA 3.0° TCH 56'.**RWY 08-26:** H8679X150 (ASPH-GRVD) S-85, D-140, ST-175,
DT-260 HIRL**RWY 08:** MALSR. VASI(V4R)—GA 3.0° TCH 104'.**RWY 26:** REIL. VASI(V4R)—GA 3.0° TCH 43'. 0.4% up.**RWY 17-35:** H7211X60 (ASPH-PFC) S-85, D-140, ST-175,
DT-260 0.3% up N**RWY 12-30:** H6489X60 (ASPH-PFC) S-12.5, ST-175
0.4% up NW**RUNWAY DECLARED DISTANCE INFORMATION****RWY 03:** TORA-10165 TODA-10165 ASDA-10165 LDA-10165**RWY 08:** TORA-8679 TODA-8679 ASDA-8679 LDA-8679**RWY 21:** TORA-10165 TODA-10165 ASDA-10165 LDA-10165**RWY 26:** TORA-8679 TODA-8679 ASDA-8679 LDA-8679

AIRPORT REMARKS: Attended continuously. Emergency power available
Rwy 08-26 and Rwy 03-21. Rwy 08-26 and Rwy 03-21 have
lighted distance remaining signs. Rwy 12-30 CLOSED indef. Rwy
17-35 CLOSED indef. Rwy 03 touchdown rwy visual range avbl.
Rwy 08 touchdown rwy visual range avbl. When twr clsd ACTIVATE HIRL Rwy 03-21 and Rwy 08-26, MALSR Rwy
03 and Rwy 08 and twy lights—CTAF. US customs user fee arpt. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (307) 265-4461. LAWRS (1200-0400Z).**COMMUNICATIONS:** CTAF 118.3 ATIS 126.15 UNICOM 122.95**CASPER RCO 122.4 122.2 (CASPER RADIO)****(R) CASPER APP/DEP CON 120.65 119.0 (1200-0400Z)****(R) DENVER CENTER APP/DEP CON 135.6 (0400-1200Z)****CASPER TOWER 118.3 (1200-0400Z) GND CON 121.9 CLNC DEL 121.9****AIRSPACE:** CLASS D svc 1200-0400Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CPR.**MUDDY MOUNTAIN (H) VORTACW 116.2 DDY** Chan 109 N43°05.45' W106°16.62' 205° 13.7 NM to fld.
5863/12E.**JOHNO NDB (LOM) 375 CP** N42°54.43' W106°34.20' 077° 4.7 NM to fld.**ILS 111.3 I-SYD** Rwy 03. Class IT.**ILS 110.3 I-CPR** Rwy 08. Class IE. LOM JOHNO NDB. Glide slope unusable above 7100'.**COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr. For clearance req and delivery when twr is clsd
ctc Casper Radio on 118.3. Ctc Casper Radio for arpt advisory service on 118.3 when twr is clsd.**HARFORD FLD** (HAD) 5 N UTC-7(-6DT) N42°55.46' W106°18.57'**CHEYENNE**

5370 FUEL 100LL NOTAM FILE CPR

RWY 07-25: 3810X30 (DIRT)**RWY 07:** Building.**AIRPORT REMARKS:** Unattended. For fuel call arpt manager 307-234-6161. Antelope on and in the vicinity of arpt.Rwy 07 +18' building, 255' from rwy end, 60' left, obstruction slope 18:1. Rwy 07-25 first 270' of rwy from thld
can be muddy with standing water after rain. Abandoned arpt 1.5 miles W.**COMMUNICATIONS:** CTAF 122.9**CASPER/NATRONA CO INTL** (See CASPER)**CHEROKEE** N41°45.34' W107°34.92' NOTAM FILE CPR.**CHEYENNE****(H) VOR/DME 115.0 CKW** Chan 97 065° 17.4 NM to Rawlins Muni. 7050/15E.

H-3E, L-11E

RCO 122.4 (CASPER RADIO)

CHEYENNE RGNL/JERRY OLSON FLD (CYS) 1 N UTC-7(-6DT) N41°09.34' W104°48.63'**CHEYENNE**

6159 B S4 FUEL 100LL, JET A, A1 OX 1, 3 Class III, ARFF Index A

H-3E, 5A, L-12F

NOTAM FILE CYS

IAP, AD

RWY 09-27: H9270X150 (CONC-GRVD) S-75, D-140, ST-150, DT-150, DDT-250 HIRL**RWY 09:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 610'.

Tree. 0.4% down.

RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Thld dsplcd 675'.
0.7% up.**RWY 13-31:** H6690X150 (ASPH-PFC) S-75, D-120, ST-150,
DT-150, DDT-200 MIRL 0.5% up NW**RWY 13:** REIL. VASI(V4L)—GA 3.0° TCH 30'. Thld dsplcd 1060'.
Fence.**RWY 31:** REIL. VASI(V4L)—GA 3.0° TCH 30'. Thld dsplcd 1160'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 09:** TORA-9270 TODA-9270 ASDA-8595 LDA-7985**RWY 13:** TORA-6690 TODA-6690 ASDA-5529 LDA-4469**RWY 27:** TORA-9270 TODA-9270 ASDA-8660 LDA-7985**RWY 31:** TORA-6690 TODA-6690 ASDA-5629 LDA-4469**AIRPORT REMARKS:** Attended 1300-0500Z†. After hrs fuel call307-634-4417. Bird activity invof arpt. Heavy copter tfc 2 NM SW
of arpt surface to 1000' AGL during dalgt weekdays. Pilots should
avoid F.E. Warren AFHP at all times. Taxiways C, E, F, A1 and A2
are non-movement areas. Twy C CLOSED North of Twy F, Twy D
and Twy G CLOSED indef. Twy C and Twy E hold short lines are for all rwys. Rwy 27 touchdown runway visual
range avbl. ACTIVATE HIRL Rwy 09-27, MIRL Rwy 13-31, PAPI Rwy 09 and Rwy 27, VASI Rwy 13 and Rwy 31,
REIL Rwy 09, Rwy 13 and Rwy 31 and MALSR Rwy 27—CTAF.**WEATHER DATA SOURCES:** ASOS (307) 632-7680. SAWRS.**COMMUNICATIONS:** CTAF 118.7 ATIS 134.425 UNICOM 122.95

RCO 122.3 (CASPER RADIO)

® APP/DEP CON 124.55 (1300-0500Z†)

® DENVER CENTER APP/DEP CON 125.9 (0500-1300Z†)

TOWER 118.7 (1300-0500Z†) GND CON 121.9

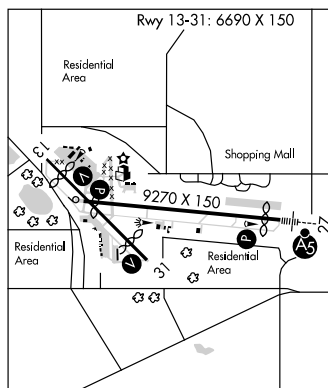
AIRSPACE: CLASS D svc 1300-0500Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CYS.

(H) VORTACW 113.1 CYS Chan 78 N41°12.66' W104°46.37' 194° 3.7 NM to fld. 6211/13E.

HORSE NDB (LOM) 353 CY N41°08.80' W104°40.73' 263° 6.0 NM to fld. Horse LOM unmonitored when
tower closed.

ILS 110.1 I-CYS Rwy 27. Class IB. LOM HORSE NDB. Horse LOM unmonitored when tower closed.

ASR/PAR (Mon-Fri 1500-2300Z†.

**CODY** N44°37.23' W108°57.90' NOTAM FILE COD.**GREAT FALLS**

(L) VORW/DME 111.8 COD Chan 55 189° 6.5 NM to Yellowstone Rgnl. 4794/14E.

L-13D

VOR portion unusable:

043°-113° byd 10 NM below 9,500'.

DME unusable:

043°-113° byd 10 NM blo 9,500'

113°-138° byd 22 NM blo 10,000'

138°-183° byd 32 NM blo 11,000'

183°-343° byd 30 NM blo 17,000'

RCO 122.3 (CASPER RADIO)

CODY

YELLOWSTONE RGNL (COD) 2 SE UTC-7(-6DT) N44°31.21' W109°01.43'
 5102 B S4 **FUEL** 100, JET A OX 1 Class I, ARFF Index A NOTAM FILE COD
RWY 04-22: H8268X100 (ASPH-GRVD) S-45, D-80, ST-101 MIRL

GREAT FALLS
 H-1D, L-13D
 IAP

RWY 04: REIL. PAPI(P4L)—GA 3.50° TCH 63'. Thld dsplcd 690'.

Road. 0.7% down.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 400'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-8268 TODA-8268 ASDA-7868 LDA-7178

RWY 22: TORA-8268 TODA-8268 ASDA-7578 LDA-7178

AIRPORT REMARKS: Attended dawn-dusk. Low level waterfowl on lake ¼ mile SE of Rwy 04 thld. CLOSED to unscheduled air carrier ops with more than 30 passenger seats except PPR call arpt manager 307-587-5096. ACTIVATE MIRL Rwy 04-22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22—CTAF.

WEATHER DATA SOURCES: AWOS-3 135.075 (307) 527-5197.

COMMUNICATIONS: CTAF/UNICOM 122.8

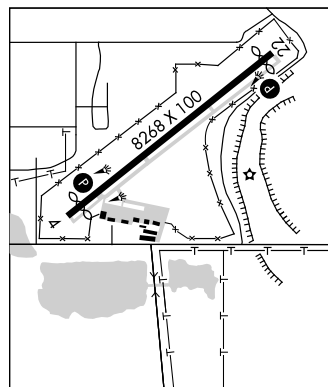
CODY RCO 122.3 (CASPER RADIO)

SALT LAKE CENTER APP/DEP CON 133.25

AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE COD.

CODY (L) VORW/DME 111.8 COD Chan 55 N44°37.23'
 W108°57.90' 189° 6.5 NM to fld. 4794/14E.



COKEVILLE MUNI (U06) 3 S UTC-7(-6DT) N42°02.75' W110°57.96'

SALT LAKE CITY
 L-11D

6270 B NOTAM FILE CPR

RWY 15-33: H3400X60 (ASPH) S-10 MIRL (NSTD)

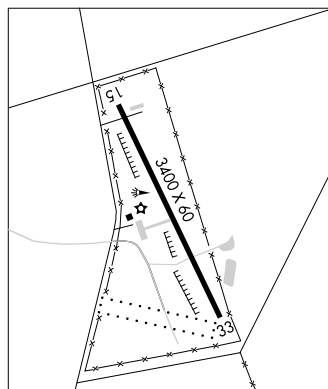
RWY 33: Fence.

AIRPORT REMARKS: Unattended. 120' high electrical transmission lines running E-W 2 miles N of arpt. +2' ground 70' W of centerline full length. Uncontrolled vehicle access to arpt. Rwy 15-33 elevation highest near midfield. Rwy 15-33 extensive cracking and uneven pavement surface. No line of sight between rwy ends. Rwy 15-33 NSTD MIRL has irregular spacing due to missing and broken lights. Some thld lenses clear. Variable rwy conditions and braking action during winter months due to thawing and freezing precipitation. Rwy 15 red edge lighting along unusable pavement, 1400' to relocated thld Rwy 15. ACTIVATE MIRL Rwy 15-33—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

FORT BRIDGER (L) VORW/DME 108.6 FBR Chan 23 N41°22.71'
 W110°25.45' 315° 46.9 NM to fld. 7060/14E.



CONVERSE CO (See DOUGLAS)

COWLEY N44°54.84' W108°26.59' NOTAM FILE CPR.

BILLINGS
 L-13D

NDB (MHW) 257 HCY at North Big Horn Co.

COWLEY/LOVELL/BYRON**NORTH BIG HORN CO** (U68) 2 N UTC-7(-6DT) N44°54.70' W108°26.73'**BILLINGS**
H-1E, L-13D
IAP

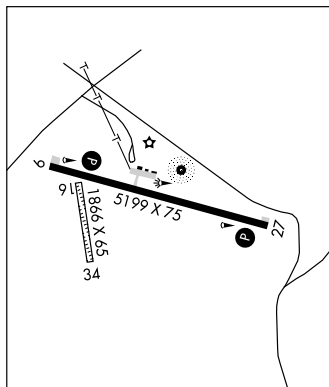
4090 B FUEL 100LL NOTAM FILE CPR

RWY 09-27: H5199X75 (ASPH) S-12.5 MIRL**RWY 09:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Hill.**RWY 27:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Hill.**RWY 16-34:** 1866X65 (DIRT) 0.3% up SE**AIRPORT REMARKS:** Attended Mon-Sat 1500-0000Z†. For attendant after hours call 307-548-6236. CLOSED all major holidays. Rwy 16-34 soft when wet. Reflective markers mark entrance to twy and turnaround. ACTIVATE MIRL Rwy 09-27 and PAPI Rwy 09 and Rwy 27 and REIL Rwy 09 and Rwy 27—CTAF.**WEATHER DATA SOURCES:** AWOS-3 119.925 (307) 548-2560.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® SALT LAKE CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE COD.**CODY (L) VOR/DME** 111.8 COD Chan 55 N44°37.23'

W108°57.90' 038° 28.3 NM to fld. 4794/14E.

COWLEY NDB (MHW) 257 HCY N44°54.84' W108°26.59'
at fld. NOTAM FILE CPR.**CRAZY WOMAN** N43°59.98' W106°26.14' NOTAM FILE CPR.**CHEYENNE**
H-1E, 2F, L-11E, 12F

(H) VORW/DME 117.3 CZI Chan 120 319° 26.0 NM to Johnson Co. 4798/13E.

RCO 122.025 (CASPER RADIO)**DERYK** N44°16.25' W105°31.33' NOTAM FILE GCC.**CHEYENNE**
L-12F, 13E**NDB (MHW)** 380 GC 339° 4.7 NM to Gillette-Campbell Co. Unmonitored 0500-1300Z†.**DIXON** (9U4) 2 E UTC-7(-6DT) N41°02.30' W107°29.84'**CHEYENNE**
H-3E, L-9E, 11E

6520 B NOTAM FILE CPR

RWY 06-24: H7500X75 (ASPH) S-12 MIRL**RWY 06:** REIL. PAPI(P2L)—GA 3.0° TCH 30'.**RWY 24:** REIL. Fence.**AIRPORT REMARKS:** Unattended. Wildlife on and in vicinity of arpt. Plus 500' terrain 9,700' from AER 24. Snow banks +4' along entire rwy winter months. ACTIVATE MIRL Rwy 06-24, REIL Rwy 06; Rwy 24 and PAPI Rwy 06—CTAF. Snow removal on 24 hour PPR call 307-383-6630/6245/2602.**WEATHER DATA SOURCES:** AWOS-A 119.425. Weather report unavbl indef.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE DEN.**HAYDEN (H) VORW/DME** 115.6 CHE Chan 103 N40°31.21' W107°18.29' 330° 32.3 NM to fld.
7269/14E.

EVANSTON UINTA CO BURNS FLD (EVW) 3 W UTC-7(-6DT) N41°16.49' W111°02.08'

SALT LAKE CITY

7143 B S2 FUEL 100LL, JET A OX 2 NOTAM FILE EVW

H-3D, L-9D, 11D

RWY 05-23: H7300X100 (ASPH-GRVD) S-30 HIRL

IAP

RWY 05: REIL. PAPI (P4L)—GA 3.0° TCH 45'.

RWY 23: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 45'

AIRPORT REMARKS: Attended 1400-0200Z±. Wildlife on and in vicinity of arpt. ACTIVATE HIRL Rwy 05-23, MALSR Rwy 23, REIL Rwy 05 and Rwy 23—CTAF. PAPI Rwy 05 and Rwy 23 on continuously.

WEATHER DATA SOURCES: ASOS 120.0 (307) 789-0585.**COMMUNICATIONS:** CTAF/UNICOM 123.0

SALT LAKE CENTER APP/DEP CON 127.7

GC0 121.72 (SALT LAKE CENTER CLNC)

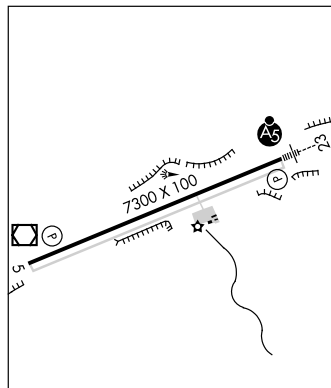
RADIO AIDS TO NAVIGATION: NOTAM FILE EVW.

EVANSTON (T) VORW/DME 109.6 EVW Chan 33 N41°16.35'

W111°02.81' at fld. 7145/13E.

ILS/DME 108.9 I-EVW Chan 26 Rwy 23. Class IE.

GS unusable byd 5° rgt of course.

**FORT BRIDGER** (FBR) 4 N UTC-7(-6DT) N41°23.60' W110°24.37'

SALT LAKE CITY

7034 B S4 FUEL 100LL NOTAM FILE CPR

H-3D, L-11D

RWY 04-22: H6402X80 (ASPH) S-12.5, D-20, DT-20 MIRL (NSTD) 0.5% up SW

IAP

RWY 22: REIL. VASI(V2L)—GA 3.0° TCH 22'.

RWY 06-24: 3600X50 (TURF-DIRT)

RWY 06: Fence.

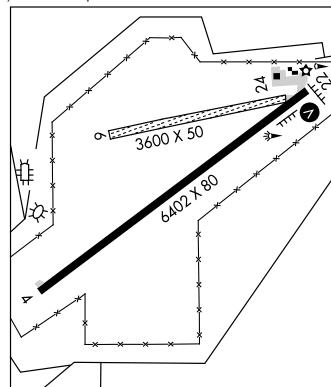
AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z±. For service other times call 307-782-3780. Fuel avbl by 24 hr card service. Rwy 06-24 unmaintained. Numerous prairie dog holes, sage brush and depressions on sfc. Rwy 04-22 and Rwy 06-24 CLOSED winter months except for ski equipment acft, dirt/turf rwys not maintained. Rwy 06 +3' metal structure at thld 58' left. Rwy 04-22 lgts irregular spacing due to broken and missing lgts. Rwy 04-22 extensive cracking, uneven surface, and vegetation. Rwy 04 and Rwy 22 markings almost completly faded. 3'-5' snow banks on S side of Rwy 04-22 Nov-Mar. Rwy 04-22 plowed winter months. Rwy 22 REIL OTS indef. VASI Rwy 22 OTS indef. Wind indicator lgt OTS indef. ACTIVATE MIRL Rwy 04-22, and REIL Rwy 22, and VASI Rwy 22—CTAF.

WEATHER DATA SOURCES: AWOS-2 118.8 (307) 782-3226.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.3 (CASPER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

(L) VORW/DME 108.6 FBR Chan 23 N41°22.71' W110°25.45' 028° 1.2 NM to fld. 7060/14E.

**GENERAL BREES FLD** (See LARAMIE)

GILLETTE—CAMPBELL CO (GCC) 4 NW UTC-7(-6DT) N44°20.94' W105°32.36'

CHEYENNE

4365 B S4 FUEL 100LL, JET A OX 1, 2 TPA—See Remarks

H-1E, 2F, L-12F, 13E

Class II, ARFF Index A NOTAM FILE GCC

IAP

RWY 16-34: H7500X150 (CONC-GRVD) S-60, D-110, ST-139, DT-160 HIRL 0.4% up SE

RWY 16: REIL. PAPI(P4L)—GA 3.17° TCH 43'. Road.

RWY 34: MALSR. PAPI(P4L)—GA 3.2° TCH 56'. P-line.

RWY 03-21: H5803X75 (CONC-GRVD) S-40 MIRL

0.4% up SW

RWY 03: REIL. PAPI(P4L)—GA 4.0° TCH 41'.

RWY 21: REIL. PAPI(P4L)—GA 4.0° TCH 39'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-5803 TODA-5803 ASDA-5803 LDA-5803

RWY 16: TORA-7500 TODA-7500 ASDA-7500 LDA-7500

RWY 21: TORA-5803 TODA-5803 ASDA-5803 LDA-5803

RWY 34: TORA-7500 TODA-7500 ASDA-7500 LDA-7500

AIRPORT REMARKS: Attended 1300-0500Z†. 24 hr self service credit card fuel avbl. Migratory waterfowl in/ov arpt. Mining/blasting ops ½ mile NE AER 21 during daylight hours ctc twr. TPA—5165 (800) for light acft, 5565(1200) for large acft. PPR unscheduled air carrier operations with more than 30 passenger seats call arpt manager 307-686-1042. Portions of Twy C not visible from twr. When twr closed ACTIVATE HIRL Rwy 16-34, MIRL Rwy 03-21, MALSR Rwy 34, PAPI Rwy 03, Rwy 21, Rwy 16 and Rwy 34—CTAF. When twr closed sequence flashers Rwy 34 available on high setting only, REIL Rwy 03, Rwy 21 and Rwy 16 not available.

WEATHER DATA SOURCE: ASOS 124.175 (307) 682-1745. SAWRS (1300-0500Z†).**COMMUNICATIONS:** CTAF 118.5 UNICOM 122.95

RCO 122.3 (CASPER RADIO)

DENVER CENTER APP/DEP CON 135.6

TOWER 118.5 (1300-0500Z†) GND CON 121.7

AIRSPACE: CLASS D svc 1300-0500Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE GCC.

(H) VOR/DME 114.6 GCC Chan 93 N44°20.87' W105°32.61' at fld. 4334/12E.

VOR unusable:

250°-275° byd 20 NM below 8000'

DME unusable:

160°-190° byd 25 NM below 10,300'

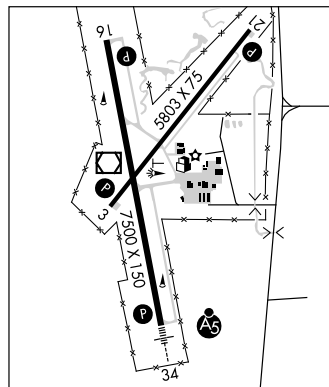
190°-265° byd 20 NM below 8000'

190°-265° byd 30 NM below 13,000'

265°-330° byd 22 NM below 10,500'

DERYK NDB (MHW) 380 GC N44°16.25' W105°31.33' 339° 4.7 NM to fld. Unmonitored 0500-1300Z†.

ILS/DME 110.1 I-LLT Chan 38 Rwy 34. Class IT. GS unusable byd 8 NM.

**GLENDO****THOMAS MEM** (76V) 1 N UTC-7(-6DT) N42°31.13' W105°01.15'

CHEYENNE

4665 NOTAM FILE CPR

RWY 16-34: 4397X70 (DIRT-TURF)

RWY 16: Tree.

RWY 34: Road.

AIRPORT REMARKS: Unattended. CAUTION: occasional antelope on rwy. Ctc arpt manager 307-921-9623 prior to use for surface condition. Rwy 16-34 first 500' SE end very rough and 1+ feet grass entire length of rwy. Rwy 16-34 muddy, slick and soft when wet, occasional gopher holes.

COMMUNICATIONS: CTAF 122.9**GREEN RIVER****GTR GREEN RIVER INTERGALACTIC SPACEPORT** (48U) 4 S UTC-7(-6DT)

SALT LAKE CITY

N41°27.48' W109°29.42'

7182 NOTAM FILE CPR

RWY 04-22: 5800X130 (DIRT)

AIRPORT REMARKS: Unattended. Uncontrolled vehicle access. Rwy soft when wet. Deep ruts and tall grass full length of rwy. 3' berm near rwy edges entire length of rwy. Rwy 04-22 width may vary based on grading. Airport on top of mountain, land descends very steeply from rwy ends. No line of sight between rwy ends. No snow removal avbl.

COMMUNICATIONS: CTAF 122.9

GREYBULL**SOUTH BIG HORN CO** (GEY) 2 NW UTC-7(-6DT) N44°31.01' W108°04.97'**BILLINGS**3939 B S4 **FUEL** 100LL, JET A OX 1 NOTAM FILE GEY

H-1E, L-13D

RWY 15-33: H6302X100 (ASPH-PFC) S-85, D-150, ST-175, DT-290 MIRL

IAP

RWY 15: VASI(V2L)—GA 3.0° TCH 40'.**RWY 33:** VASI(V2R)—GA 3.0° TCH 40'.**RWY 07-25:** H3699X75 (ASPH) S-12.5 0.6% up W

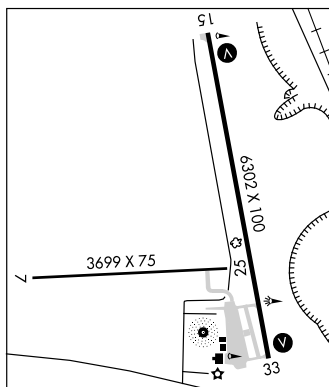
AIRPORT REMARKS: Attended Mon-Fri 1430-2330Z†. For svc after hrs call 307-765-9214. Fuel 24 hr credit card service avbl. JET A avbl during attendance hrs. After hrs call numbers posted on north side of terminal building. Antelope on and invof rwy. Terrain 1066' abv arpt elevation 4-5 miles N and NE of arpt. No location or directional signage on arpt. Rwy 15 VASI OTS indef. ACTIVATE MIRL Rwy 15-33 and VASI Rwy 15 and Rwy 33—CTAF.

WEATHER DATA SOURCES: ASOS 135.325 (307) 765-9406.**COMMUNICATIONS:** CTAF/UNICOM 122.9**SALT LAKE CENTER APP/DEP CON** 133.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE WRL.**WORLAND (L) VORW/DME** 114.8 RLY Chan 95 N43°57.85'

W107°57.05' 337° 33.6 NM to fld. 4190/13E.

GREYBULL NDB (MHW) 275 GEY N44°30.69' W108°04.98'

at fld. NOTAM FILE GEY.

**GREYBULL** N44°30.69' W108°04.98'. NOTAM FILE GEY.**BILLINGS****NDB (MHW)** 275 GEY at South Big Horn Co.

L-13D

GTR GREEN RIVER INTERGALACTIC SPACEPORT (See GREEN RIVER)**GUERNSEY****CAMP GUERNSEY** (7V6) (K7V6) CIV/MIL 1 SE UTC-7(-6DT) N42°15.58' W104°43.70'**CHEYENNE**4400 B S2 **FUEL** 100LL NOTAM FILE CPR

H-3E, 5A, L-12F

RWY 14-32: H5499X75 (ASPH-PFC) D-175 PCN 49 R/B/W/T MIRL (NSTD) 1.3% up NW

IAP

RWY 14: PAPI(P4L)—GA 3.3° TCH 53'.**RWY 32:** PAPI(P4L)—GA 3.3° TCH 53'. Rgt tfc.**MILITARY SERVICE:** **FUEL** J8 (Mil) (NC-100LL)

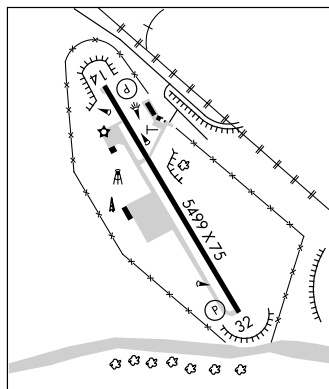
AIRPORT REMARKS: Attended 1500-0000Z†. Fuel avbl 24 hr credit card service. Deer and antelope on and invof rwy. 40' drop off on both approach ends of rwy. Rwy 14-32 25' asphalt non-weight bearing shoulder. Fixed wing acft ground operations limited to rwy sfc only, no off rwy parking available. Rwy 14-32 NSTD MIRL, thld lights only, 3 lights each side. Rwy 32 has NPI approach, markings are basic. Parallel twy for civilian and military use. Air/Ground equipment and Crash Rescue available at ETA/ETD if required with PPR. ACTIVATE MIRL Rwy 14-32—CTAF.

MILITARY REMARKS: **RSTD** All transient acft PPR DSN 388-7832/7810.

CAUTION: C130 must use concrete turn around at each thld or center intersection. Extensive helicopter and C130 operations year round. Extensive military rotor wing and C130 fixed wing operations year round. Fixed wing acft over 12,500 lbs must use concrete turnarounds at each thld and center of Rwy 14-32. **TFC** PAT Fixed wing turbo 5900'. Rotary Wing. 5100'.

MISC R-7001 A,B,C 6 NM northwest. Small arms range 1 NM south. **ARNG** No transient maintenance.**COMMUNICATIONS:** CTAF/UNICOM 122.7**DENVER CENTER APP/DEP CON** 135.6 363.025**RADIO AIDS TO NAVIGATION:** NOTAM FILE DGW.**HIPSHER (L) VORW/DME** 108.6 IIP Chan 23 N42°40.57' W105°13.57' 126° 33.4 NM to fld. 4906/12E.

NDB (HW) 280 GYZ N42°14.40' W104°42.86' 321° 1.3 NM to fld. NOTAM FILE CPR. Unusable 110°-120° byd 25 NM blo 6500'; 195°-280°.

**HARFORD FLD** (See CASPER)**HIPSHER** N42°40.57' W105°13.57' NOTAM FILE DGW.**CHEYENNE****(L) VORW/DME** 108.6 IIP Chan 23 304° 10.1 NM to Converse Co. 4906/12E.

L-12F

HORSE N41°08.80' W104°40.73'. NOTAM FILE CYS.

CHEYENNE

NDB (LOM) 353 CY 263° 6.0 NM to Cheyenne Rgnl/Jerry Olson Fld. Unmonitored when twr clsd.

HOT SPRINGS CO—THERMOPOLIS MUNI (See THERMOPOLIS)

HULETT MUNI (W43) 2 SE UTC-7(-6DT) N44°39.77' W104°34.07'

BILLINGS

4264 B FUEL 100LL NOTAM FILE CPR

H-2G, L-12F, 13E

RWY 13-31: H5500X75 (ASPH) S-12.5 MIRL

IAP

RWY 13: REIL. PAPI(P2L)—GA 4.00° TCH 40'.

RWY 31: REIL. PAPI(P2L)—GA 4.00° TCH 40'. Hill. Rgt tfc.

AIRPORT REMARKS: Unattended. 24 hr self service credit card fuel avbl.

Radio controlled acft occasional opr 0.5 miles E of AER Rwy 31

blo 400' AGL. Devils Tower National Monument located

approximately 7 miles SW of arpt. Voluntary 2 mile flight

avoidance radius in effect Jan-May and Jul-Dec. Voluntary 3 mile

flight avoidance radius in effect in Jun. Retro-reflective markers

along twys. ACTIVATE MIRL Rwy 13-31 and REIL Rwy 13 and Rwy

31—CTAF.

WEATHER DATA SOURCES: AWOS-3 128.775 (307) 467-5575.

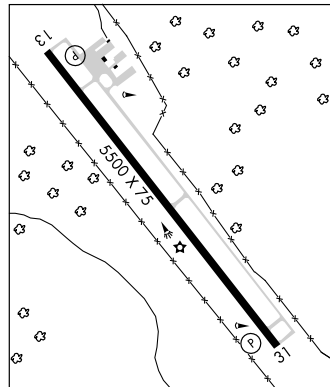
COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER APP/DEP CON 127.95

RADIO AIDS TO NAVIGATION: NOTAM FILE GCC.

GILLETTE (H) VORW/DME 114.6 GCC Chan 93 N44°20.87'

W105°32.61' 053° 46.0 NM to fld. 4334/12E.



HUNT FLD (See LANDER)

JACKSON HOLE (JAC) 7 N UTC-7(-6DT) N43°36.44' W110°44.27'**SALT LAKE CITY**

6451 B S4 FUEL 100, JET A OX 3 ARFF Index See Remarks. NOTAM FILE JAC

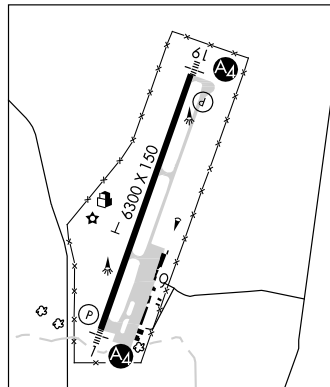
H-3D, L-11D

RWY 01-19: H6300X150 (ASPH-PFC) S-75, D-200, ST-175, DT-380 HIRL 0.6% up N

IAP, AD

RWY 19: MALS. PAPI(P4L)—GA 3.0° TCH 38'.**RWY 01:** MALS. PAPI(P4L)—GA 3.0° TCH 50'. Road.

AIRPORT REMARKS: Attended 1300-0500Z†. On call 24 hours phone 307-733-4767 or 307-739-1999. Class I, ARFF Index C. Only ARFF Index B avbl Jun 1 through Oct 31 and Apr 16 through May 30. ARFF avbl only during scheduled air carrier ops unless PPR. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 307-733-7682. PPR. Sage grouse on and in vicinity of arpt Apr-Oct. 35'-53' trees 700'-800' west of thld Rwy 01. Possible severe winter conditions from Nov-Apr check NOTAMS for arpt conditions, no arpt information nor snow removal guaranteed during hours of nonattendance. Hang gliding ops 9 miles south of arpt near ski area and 9 miles south southwest of arpt along the ridge. Balloon ops invof arpt, W and SW, May-Oct. Noise abatement procedures in effect for acft departures on Rwy 19. Contact airport management at 307-733-7682. All stage 2 acft, regardless of weight, prohibited. For public health and safety flts, etc arpt manager at 307-733-6474. When ATCT closed ACTIVATE HIRL Rwy 01-19, MALS Rwy 01-19, Twy lgts and wind tee—CTAF.

**WEATHER DATA SOURCES:** AWOS-3 120.625 (307) 739-9108 (0400-1400Z†). SAWRS (1400-0400Z†)**COMMUNICATIONS:** CTAF 118.075 ATIS 120.625 UNICOM 122.95**RCO 122.05** (CASPER RADIO)**SALT LAKE CENTER APP/DEP CON 133.25****TOWER 118.075** (1400-0400Z†) **GND CON 124.55****AIRSPACE:** CLASS D svc 1400-0400Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE JAC.

(L) VOR/DME 115.4 JAC Chan 101 N43°37.26' W110°43.90' at fld. 6452/13E.

VOR/DME unusable:

020°-035° byd 20 NM

035°-048° byd 11 NM

048°-070° byd 5 NM blo 16,000'

048°-070° byd 10 NM

070°-090° byd 20 NM

090°-110° byd 15 NM

110°-130° byd 20 NM

130°-135° byd 15 NM

135°-160° byd 20 NM

160°-180° byd 30 NM

180°-205° byd 35 NM

205°-220° byd 20 NM blo 15,000'

220°-270° byd 10 NM

270°-280° byd 8 NM blo 15,000'

270°-335° byd 10 NM

335°-350° byd 15 NM.

ILS/DME 109.1 I-JAC Chan 28 Rwy 19. ILS unmonitored. Localizer unusable byd 15° right of course.**JOHNO** N42°54.43' W106°34.20' NOTAM FILE CPR.**CHEYENNE****NDB (LOM) 375** CP 077° 4.7 NM to Casper/Natrona Co Intl.**JOHNSON CO** (See BUFFALO)

KEMMERER MUNI (EMM) 2 NW UTC-7(-6DT) N41°49.44' W110°33.42'**SALT LAKE CITY**7285 B **FUEL** 100LL, JET A NOTAM FILE CPR

H-3D, L-11D

RWY 16-34: H8208X75 (ASPH-PFC) S-18 MIRL

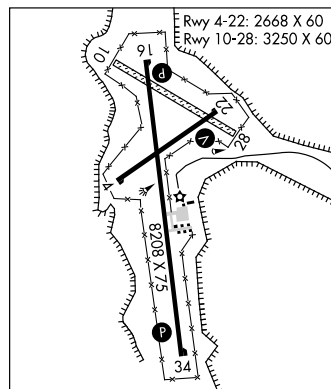
IAP

RWY 16: REIL. PAPI(P2L).**RWY 34:** REIL. PAPI(P2L). Fence.**RWY 10-28:** 3250X60 (TURF-DIRT)**RWY 10:** Fence.**RWY 28:** Road.**RWY 04-22:** H2668X60 (CONC) S-9 MIRL**RWY 22:** VASI(V2L). Rgt ttc.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z±. Fuel avbl 24 hrs via self-serve credit card pump. **CAUTION:** Wildlife on and in vicinity of arpt. **Rwy 10-28 CLOSED** winter months. Acft over 33,000 pounds prohibited. Terrain drops off steeply 81' prior to apch end Rwy 04. Terrain drops off steeply 55' prior to apch end Rwy 10. Rwy 10-28 large rocks, depressions and mounds on rwy sfc. **ACTIVATE MIRL** Rwy 04-22 and Rwy 16-34, VASI Rwy 22, REIL Rwy 16 and Rwy 34, PAPI Rwy 16 and Rwy 34—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.675 (307) 877-9838.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **SALT LAKE CENTER APP/DEP CON** 124.35**RADIO AIDS TO NAVIGATION:** NOTAM FILE CPR.

FORT BRIDGER (L) VORW/DME 108.6 FBR Chan 23 N41°22.71' W110°25.45' 333° 27.4 NM to fld. 7060/14E.

**KLINT** N43°00.85' W108°18.31'. NOTAM FILE RIW.**CHEYENNE****NDB (LOM)** 217 RI 280° 7.4 NM to Riverton Rgnl. Unmonitored.**LANDER****HUNT FLD** (LND) 1 S UTC-7(-6DT) N42°48.91' W108°43.79'**CHEYENNE**5586 B S4 **FUEL** 100LL, JET A NOTAM FILE LND

H-3E, L-11E

RWY 03-21: H5000X100 (ASPH-PFC) S-30 MIRL (NSTD)

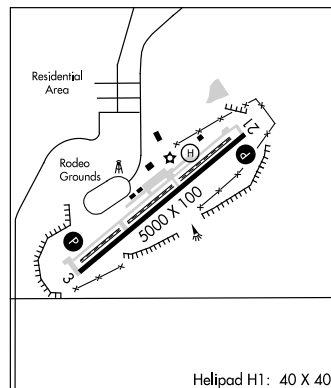
RWY 03: PAPI(P2L)—GA 3.0°. Tree. **RWY 21:** PAPI(P2L)—GA 3.0°.

AIRPORT REMARKS: Attended daylight hrs. For svcs after hrs call 307-332-3134/5291 or 301-330-8668. Bird activity invof of arpt. For MIRL Rwy 03-21 key 122.8 3 times. Right traffic permissible on Rwy 21 departure during heavy winds to avoid the mountains due to severe downdrafts. Rwy 03-21 NSTD MIRL thld lgts Rwy 03 irregular spacing with 3 lgts on right and four lgts on left. **ACTIVATE NSTD MIRL** Rwy 03-21 and PAPI Rwy 03 and Rwy 21—CTAF.

WEATHER DATA SOURCES: ASOS 118.15 (307) 332-7707.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE CPR.**BOYSEN RESERVOIR (H) VORW/DME** 117.8 BOY Chan 125

N43°27.79' W108°17.98' 190° 43.2 NM to fld.
7550/16E.

• • • • •

HELIPAD H1: H40X40 (ASPH-PFC)

LARAMIE RGNL (LAR) 3 W UTC-7(-6DT) N41°18.72' W105°40.50'

CHEYENNE

7284 B S1 FUEL 100LL, JET A OX 2 TPA-8084(800) Class II, ARFF Index A

H-3E, 5A, L-12F

NOTAM FILE LAR

IAP, AD

RWY 03-21: H8500X150 (ASPH-PFC) S-86, D-105, ST-133, DT-160 MIRL**RWY 03:** REIL. PAPI(P4L)—GA 3.0° TCH 32'.**RWY 21:** REIL. VASI(V4L)—GA 3.0° TCH 53'.**RWY 12-30:** H6300X100 (ASPH-PFC) S-86, D-105, ST-133, DT-160 MIRL**RWY 12:** REIL. PAPI(P4L)—GA 3.0° TCH 43'.**RWY 30:** ODALS. VASI(V4L)—GA 3.0° TCH 41'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 03:** TORA-8500 TODA-8500 ASDA-8500 LDA-8500**RWY 12:** TORA-6300 TODA-6300 ASDA-6300 LDA-6300**RWY 21:** TORA-8500 TODA-8500 ASDA-8500 LDA-8500**RWY 30:** TORA-6300 TODA-6300 ASDA-6300 LDA-6300**AIRPORT REMARKS:** Attended Sat 1300-0100Z, Sun-Fri 1300-0400Z. Afd sfc condition not monitored 0400-1300Z. PPR for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 307-742-4164. ACTIVATE MIRL Rwys 03-21 and 12-30, PAPI Rwys 03 and 12, VASI Rwys 21 and 30, REIL Rwy 03, 12 and 21 and ODALS Rwy 30—CTAF.**WEATHER DATA SOURCES:** ASOS 135.475 (307) 742-6398.**COMMUNICATIONS:** CTAF/UNICOM 123.05

RCO 122.6 (CASPER RADIO)

DENVER CENTER APP/DEP CON 125.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LAR.

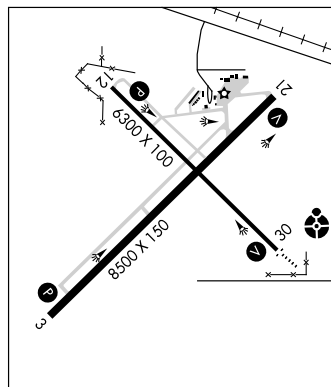
(L) VORTACW 117.6 LAR Chan 123 N41°20.27' W105°43.26' 113° 2.6 NM to fld. 7280/14E.

VORTAC unusable:

160°-240° byd 27 NM blo 11,000'

015°-140° byd 15 NM blo 9,000'

240°-285° byd 27 NM blo 12,500'

**LUSK MUNI** (LSK) 3 E UTC-7(-6DT) N42°45.23' W104°24.27'

CHEYENNE

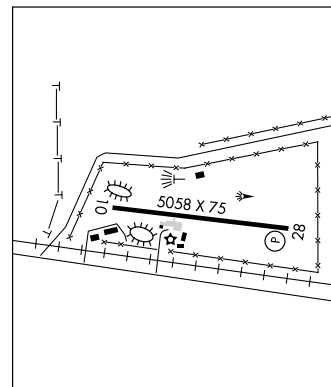
4964 B FUEL 100LL NOTAM FILE CPR

H-5A, L-12F

RWY 10-28: H5058X75 (ASPH) S-12.5 MIRL**RWY 10:** P-line. **RWY 28:** REIL. PAPI(P2L)—GA 3.0° TCH 40'.**AIRPORT REMARKS:** Unattended. For fuel call arpt manager 307-334-3622 or 307-340-0548. Unlimited vehicle access to rwy. ACTIVATE MIRL Rwy 10-28—CTAF. PAPI Rwy 28 on continuously.**WEATHER DATA SOURCES:** AWOS-3 118.35 (307) 334-4028.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE DGW.

HIPSHER (L) VORW/DME 108.6 IIP Chan 23 N42°40.57'

W105°13.57' 070° 36.6 NM to fld. 4906/12E.

**MEDICINE BOW** (80V) 2 SE UTC-7(-6DT) N41°53.00' W106°10.85'

CHEYENNE

6646 NOTAM FILE CPR

RWY 10-28: 3170X80 (TURF-DIRT)**RWY 10:** Fence. **RWY 28:** Fence.**RWY 06-24:** 2680X50 (TURF-DIRT)**RWY 06:** Fence. **RWY 24:** Fence.**AIRPORT REMARKS:** Unattended. CAUTION: Wildlife and livestock invof all rwys. Rwy 06-24 is no longer maintained. Rwy 06-24, -9 to 12 inch berms both sides of rwy. Rwy 10-28 graded. Gopher holes on rwy surfaces, rwys very soft when wet. Rwy 10-28 rough and uneven. Rwy 10-28 has some gopher holes. Rwy 10-28 1' ditch south of rwy. Rwy 06-24 rough and uneven full length, numerous gopher and badger holes. Rwy 10-28 marked with orange 3' x 2' cones. Thld markings skewed at angle to rwy. Rotating bcn OTS indef.**COMMUNICATIONS:** CTAF 122.9

MEDICINE BOW N41°50.73' W106°00.26' NOTAM FILE CPR.

(L) VORW/DME 111.6 MBW Chan 53 272° 8.2 NM to Medicine Bow. 7000/14E.

RCO 122.5 (CASPER RADIO)

CHEYENNE

H-3E, 5A, L-12F

MILEY MEM FLD (See BIG PINEY)

MONDELL FLD (See NEWCASTLE)

MUDDY MOUNTAIN N43°05.45' W106°16.62' NOTAM FILE CPR.

(H) VORTACW 116.2 DDY Chan 109 205° 13.7 NM to

Casper/Natrona Co Intl. 5863/12E.

CHEYENNE

H-2F, 3E, 5A, L-11E, 12F

NEWCASTLE N43°52.87' W104°18.47'. NOTAM FILE CPR.

(L) VORW 108.2 ECS at Mondell Fld.

VOR unusable

003°-023° beyond 25 NM below 10,500'

023°-043° beyond 25 NM

043°-063° beyond 25 NM below 12,000'

RCO 122.5 (CASPER RADIO)

CHEYENNE

L-12F

063°-093° beyond 30 NM below 11,000'

093°-113° beyond 30 NM below 10,500'

328°-003° beyond 25 NM below 9,000'

NEWCASTLE

MONDELL FLD (ECS) 5 NW UTC-7(-6DT) N43°53.13' W104°19.08'

4174 B FUEL 100LL, JET A NOTAM FILE CPR

RWY 13-31: H5300X75 (CONC) S-30 MIRL

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 27'. Thld dsplcd 500'.

Railroad. Rgt t/c.

RWY 31: ODALS. PAPI(P2L)—GA 3.0° TCH 26'.

RWY 17-35: 2666X40 (TURF-DIRT) 0.8% up NW

RWY 35: Fence.

RWY 05-23: 2220X50 (TURF-DIRT) 0.7% up NE

RWY 05: Fence.

RWY 23: P-line.

AIRPORT REMARKS: Attended 1500-0000Z. For attendant after hours

call 307-746-9732. For fuel after hrs phone 307-746-9732.

Wildlife on or near the rwys. Snow removal Rwy 13-31 only. Rwy

17-35 not mowed/maintained. Radio controlled airplane activity

invo airport, within 675' of Rwy 05. Rwy 17-35 N 600' closed

indef. Rwy 05-23 and Rwy 17-35 edges are unmarked and width

is approximate, due to graded shoulders rwys appear wider than

they actually are. Soft shoulders near edges of rwys, twys, and

ramps. NSTD markings Rwy 31 aiming points wrong dimensions.

No twy lead-in or centerline. PAEW mowing field SR-SS during

spring and summer. Rwy 13 PAPI realigned with dsplcd thld.

ACTIVATE MIRL Rwy 13-31, REIL Rwy 13, PAPI Rwy 13 and Rwy

31, and ODALS Rwy 31—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.0 (307) 746-4896.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEWCASTLE RCO 122.5 (CASPER RADIO)

DENVER CENTER APP/DEP CON 127.95

RADIO AIDS TO NAVIGATION: NOTAM FILE RAP.

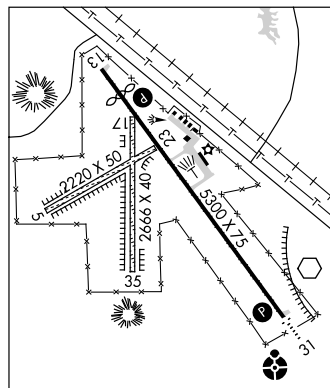
RAPID CITY (H) VORTAC 112.3 RAP Chan 70 N43°58.56' W103°00.74' 252° 56.9 NM to fld. 3160/13E.

NEWCASTLE (L) VORW 108.2 ECS N43°52.87' W104°18.47' at fld. NOTAM FILE CPR.

CHEYENNE

H-2G, L-12F

IAP



NORTH BIG HORN CO (See COWLEY-LOVELL-BYRON)

PHIFER AIRFIELD (See WHEATLAND)

PINE BLUFFS MUNI (82V) 3 SW UTC-7(-6DT) N41°09.20' W104°07.81'

CHEYENNE

H-5A, L-12F

5152 B NOTAM FILE CPR

RWY 08-26: H5336X75 (ASPH) S-12.5 MIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 08-26, PAPI Rwy 08 and 26 REIL Rwy 08 and 26 and wind tee—CTAF.

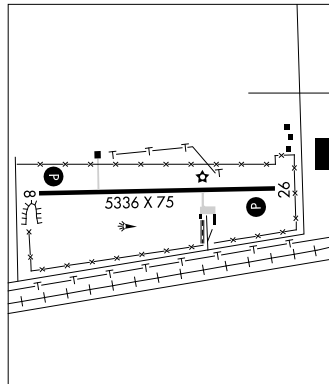
WEATHER DATA SOURCES: AWOS-3 132.425 (307) 245-3613.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CYS.

CHEYENNE (H) VORTACW 113.1 CYS Chan 78 N41°12.66'

W104°46.37' 084° 29.3 NM to fld. 6211/13E.



PINEDALE

RALPH WENZ FLD (PNA) 5 SE UTC-7(-6DT) N42°47.84' W109°48.66'

SALT LAKE CITY

H-3D, L-11D

IAP

7102 B S4 **FUEL** 100LL, JET A NOTAM FILE CPR

RWY 11-29: H8900X100 (ASPH) S-45 MIRL 0.3% up W

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 41'.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 42'.

AIRPORT REMARKS: Attended Jun-Oct 1600-0100Z, Nov-May Mon-Fri 1600-0100Z. No call out fee normal business hours Sat-Sun.

For fuel after hrs call 307-413-7888. For svc after hours call 307-413-7888 or 307-367-2290. All helicopter t/c to come and go via the taxiway. Flying over buildings adjacent to ramp is prohibited. ACTIVATE MIRL Rwy 11-29, PAPI Rwy 11 and Rwy 29, and REIL Rwy 11 and Rwy 29—CTAF. Landing fee.

WEATHER DATA SOURCES: AWOS-3 118.325 (307) 367-6425.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 128.35

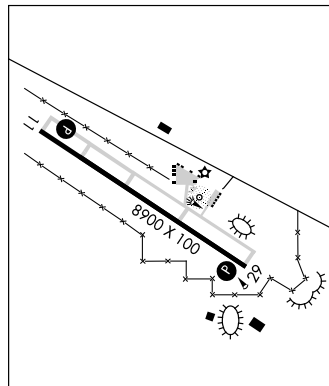
RADIO AIDS TO NAVIGATION: NOTAM FILE PNA.

BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42°34.77'

W110°06.55' 029° 18.6 NM to fld. 6960/16E.

WENZ NDB (MHW) 392 PNA N42°47.83' W109°48.21' at fld.

NOTAM FILE CPR.



POWELL MUNI (POY) 7 N UTC-7(-6DT) N44°52.03' W108°47.61'BILLINGS
H-1E, L-13D
IAP

5092 B S4 FUEL 100LL, JET A NOTAM FILE CPR
 RWY 13-31: H6205X100 (ASPH) S-15 MIRL 1.6% up SE
 RWY 13: PAPI(P2L)—GA 3.0° TCH 38'.
 RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Fence.
 RWY 16-34: 2400X100 (TURF-DIRT) 1.9% up SE
 RWY 34: Fence.
 RWY 03-21: 2176X100 (TURF-DIRT) 1.4% up SW
 RWY 03: Fence.

AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z. For svc after hrs
 phone 307-254-0977. Fuel 24 hr credit card svc avbl. After hrs
 emerg etc police department 307-754-2212. ACTIVATE MIRL Rwy
 13-31, REIL Rwy 31 and PAPI Rwy 13 and 31—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.275 (307) 754-7093.

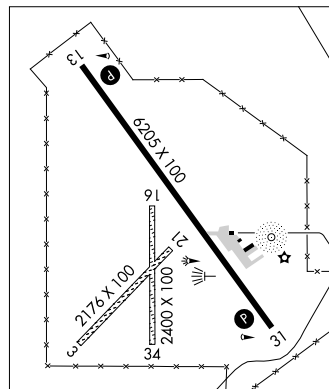
COMMUNICATIONS: CTAF/UNICOM 122.7

CODY RCO 122.3 (CASPER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE COD.

CODY (L) VOR/DME 111.8 COD Chan 55 N44°37.23'
 W108°57.90' 012° 16.5 NM to fld. 4794/14E.

NDB (MHW) 344 POY N44°52.01' W108°47.18' at fld.
 NOTAM FILE CPR.

**RALPH WENZ FLD** (See PINEDALE)**RAWLINS MUNI/HARVEY FLD** (RWL) 2 NE UTC-7(-6DT) N41°48.34' W107°12.00'CHEYENNE
H-3E, L-11E
IAP

6813 B S2 FUEL 100LL, JET A OX 1 NOTAM FILE RWL
 RWY 04-22: H7008X100 (ASPH-PFC) S-30, D-60 MIRL 1.0% up NE
 RWY 04: VASI(V2L)—GA 3.0° TCH 44'. Tank. Rgt tfc.
 RWY 22: REIL. VASI(V2L)—GA 3.0° TCH 44'. Ground.
 RWY 10-28: H4118X60 (ASPH) S-12 MIRL
 RWY 28: REIL. Rgt tfc.

AIRPORT REMARKS: Attended Nov-Feb Mon-Sat 1430-0000Z, Mar-Dec 1430-0130Z. Nov-Feb Mon-Sat on call Sun number posted at FBO. Nov-Feb Mon-Sat for svc other times call 307-324-2361 or number posted on door of FBO. Mar-Oct for svc other times call 307-324-2361/5264 or 307-321-9929. For fuel after hours call 307-324-2361 or number posted on door of FBO. Rwy 10-28 large cracks with sluffing edges. Birds on and in vicinity of all rwys. Request all acft departing Rwy 28 make rgt turnout as soon as safety permits after tkf to avoid housing area and for noise abatement. Rwy 10-28 limited to acft up to 12,000 lbs gross weight. ACTIVATE MIRL Rwy 04-22, Rwy 10-28 and REIL Rwy 22 and Rwy 28—CTAF. VASI Rwy 04 and Rwy 22 opr continuously.

WEATHER DATA SOURCES: ASOS 118.525 (307) 328-0031.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCD 122.2 (CASPER RADIO)

DENVER CENTER APP/DEP CON 132.1

AIRSPACE: CLASS E svc 1300-0500Z other times CLASS G.

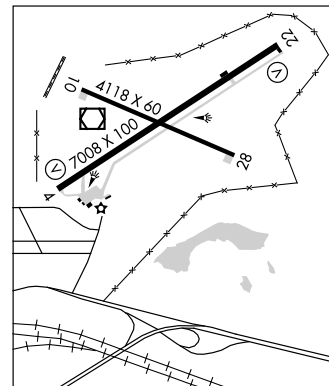
RADIO AIDS TO NAVIGATION: NOTAM FILE RWL.

(T) VOR/DME 109.4 RWL Chan 31 N41°48.29' W107°12.26' at fld. 6750/13E.

VOR portion unmonitored 0500-1300Z. DME portion unmonitored continuously.

Unusable 245°-275° beyond 15 NM below 12,500'.

SINCLAIR NDB (HW) 368 SIR N41°48.12' W107°05.53' 260° 4.8 NM to fld.



RIVERTON RGNL (RIW) 3 NW UTC-7(-6DT) N43°03.85' W108°27.59'

CHEYENNE

5525 B S4 FUEL 100LL, JET A OX 4 Class II, ARFF Index A NOTAM FILE RIW

H-3E, L-11E

RWY 10-28: H8203X150 (ASPH-PFC) S-85, D-110, ST-140, DT-165 HIRL IAP

RWY 10: REIL. PAPI(P4L)—GA 2.83° TCH 45'. P-lines.

1.4% down.

RWY 28: MALSR. VASI(V4L)—GA 3.0° TCH 50'. 0.7% up.

RWY 01-19: H4800X70 (ASPH-GRVD) S-30, D-50 MIRL

0.3% up NE

RWY 01: REIL. PAPI(P2L)—GA 2.75° TCH 40'. P-line.

RWY 19: REIL. PAPI(P2L)—GA 2.75° TCH 39'.

AIRPORT REMARKS: Attended Mon-Fri 1400-0000Z. For svc after hrs call 307-856-3599. Multiple hot air balloons invof arpt during July. PPR for unscheduled acft ops with more than 30 passenger seats call arpt manager 307-856-7063/7980. General aviation acft not authorized on west ramp. ACTIVATE HIRL Rwy 10-28; MIRL and REIL Rwy 01-19; REIL Rwy 10 and MALSR Rwy 28—CTAF. VASI Rwy 28 and PAPI Rws 01, 10 and 19 opr 24 hrs.

WEATHER DATA SOURCES: ASOS 121.425 (307) 856-4473.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.2 (CASPER RADIO)

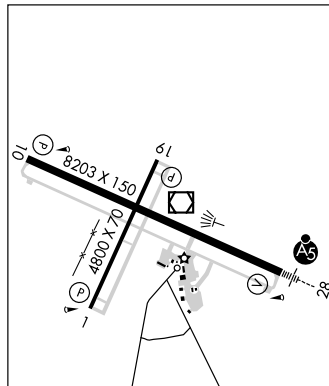
RADIO AIDS TO NAVIGATION: NOTAM FILE RIW.

(L) VORW/DME 108.8 RIW Chan 25 N43°03.95'

W108°27.33' at fld. 5450/16E.

KLINT NDB (LOM) 217 RI N43°00.85' W108°18.31' 280° 7.4 NM to fld. Unmonitored.

ILS 110.5 I-RIW Rwy 28. Class IE. LOM KLINT NDB. ILS and LOM unmonitored.

**ROCK SPRINGS-SWEETWATER CO** (RKS) 7 E UTC-7(-6DT) N41°35.65' W109°03.91'

SALT LAKE CITY

6764 B FUEL 100LL, JET A1+ OX 1, 2 Class I, ARFF Index A NOTAM FILE RKS

H-3D, L-11E

RWY 09-27: H10000X150 (ASPH-GRVD) S-55, D-110, ST-140 HIRL IAP

RWY 09: ODALS. PAPI(P4L)—GA 3.0° TCH 50'. 0.4% up.

RWY 27: MALSR. PAPI(P4R)—GA 3.0° TCH 50'. 0.3% down.

RWY 03-21: H5228X75 (ASPH-PFC) S-12, D-25 MIRL

0.3% up NE

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 30'.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 30'.

AIRPORT REMARKS: Attended 1200-0430Z. PPR for air carrier ops with more than 30 passenger seats 0400-1300Z, call arpt manager 307-352-6880/6888. Terminal parking requires prior approval. Commercial landing fee for aircraft over 12,500 lbs. ACTIVATE MIRL Rwy 03-21, HIRL Rwy 09-27, ODALS Rwy 09, MALSR Rwy 27, REIL Rwy 03 and Rwy 21, and twy lgtS—CTAF. PAPI Rwy 03, Rwy 21, Rwy 09 and Rwy 27 opr continuously.

WEATHER DATA SOURCES: ASOS 118.375 (307) 362-2541. SAWRS.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.6 (CASPER RADIO)

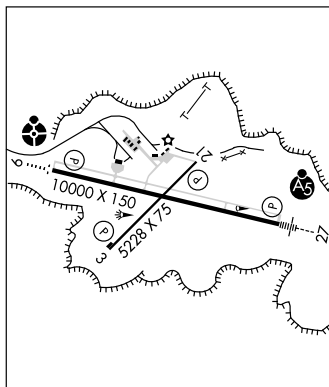
RADIO AIDS TO NAVIGATION: NOTAM FILE RKS.

(H) VORW/DME 116.0 OCS Chan 107 N41°35.41'

W109°00.92' 263° 2.3 NM to fld. 6785/13E. Unusable

186°-195° byd 25 NM blo 14,000'.

ILS/DME 109.3 I-RKS Chan 30 Rwy 27. GS unusable byd 5° left of localizer course. ILS GS unusable for coupled approaches blo 7,000' msl.

**SARATOGA** N41°26.70' W106°49.93'. NOTAM FILE CPR.

CHEYENNE

NDB (MHW) 266 SAA at Shively Fld.

L-9E, 11E

SARATOGA**SHIVELY FLD** (SAA) 1 SW UTC-7(-6DT) N41°26.69' W106°49.41'

7012 B S2 FUEL 100LL, JET A OX 2 NOTAM FILE CPR

RWY 05-23: H8800X100 (ASPH-PFC) S-50 MIRL

RWY 05: 1.8% down.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 40'. 1.8% up.

AIRPORT REMARKS: Attended Jun-Sep 1500-0000Z, Oct-May

Mon-Sat 1500-0000Z. After hrs svc avbl call 307-326-8693

fee applied. Antelope may be on rwy. Wind shear over highway

approach end of Rwy 23. Ramp fee charged if no fuel purchased.

ACTIVATE MIRL Rwy 05-23; REIL Rwy 23 and PAPI Rwy 23—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.175 (307) 326-5387.**COMMUNICATIONS:** CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 132.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

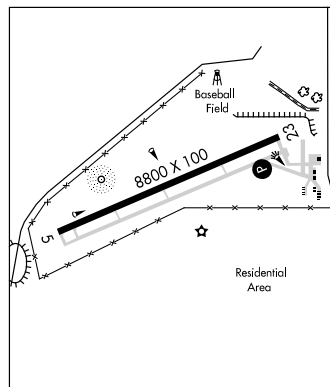
RAWLINS (T) VORW/DME 109.4 RWL Chan 31 N41°48.29'

W107°12.26' 128° 27.6 NM to fld. 6750/13E.

SARATOGA NDB (MHW) 266 SAA N41°26.70' W106°49.93'
at fld.**CHEYENNE**

H-3E, L-9E, 11E

IAP

**SHERIDAN CO** (SHR) 2 SW UTC-7(-6DT) N44°46.15' W106°58.82'

4021 B S4 FUEL 100, JET A, A1+ OX 1, 2, 3 TPA-See Remarks Class I, ARFF Index A H-1E, 2F, L-13D

NOTAM FILE SHR

RWY 14-32: H8300X100 (ASPH-PFC) S-60, D-75, ST-95 HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 51'. 0.5% down.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. 0.4% up.

RWY 05-23: H5039X75 (ASPH-GRVD) S-36, D-50 MIRL 1.7%
up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 35'.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 38'. Trees.

AIRPORT REMARKS: Attended dalgt hours. Afd sfc conditions not

monitored 0530-1300Z. PPR unscheduled air carrier operations

with more than 30 passenger seats ctc ARFF station

307-673-1875. Glider activity on and in vicinity of arpt. Fixed

wing acft restricted to rwys and twys only. TPA-4821(800); for

Turbo Prop and Jet 5521(1500). ACTIVATE MIRL Rwy 05-23; HIRL

Rwy 14-32, MALSR Rwy 32, REIL Rwy 05, Rwy 23 and Rwy 14,

PAPI Rwy 14, Rwy 32, Rwy 05 and Rwy 23—CTAF.

WEATHER DATA SOURCES: ASOS 135.175 (307) 672-5349. SAWRS
(1100-0600Z).**COMMUNICATIONS:** CTAF/UNICOM 123.0

RCO 122.5 (CASPER RADIO)

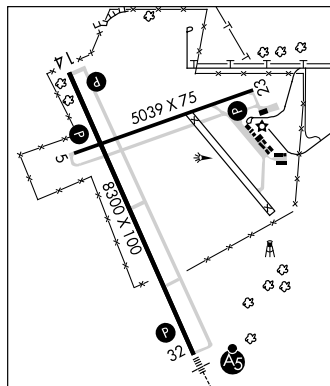
SALT LAKE CENTER APP/DEP CON 127.75

RADIO AIDS TO NAVIGATION: NOTAM FILE SHR.

(L) VORTACW115.3 SHR Chan 100 N44°50.54' W107°03.67' 129° 5.6 NM to fld. 4412/13E.

VORTAC unusable 160°-200° beyond 30 NM below 14,700' 200°-270° beyond 30 NM below 12,400'

ILS/DME 108.7 I-SHR Chan 24 Rwy 32.

**BILLINGS**

H-1E, 2F, L-13D

IAP

SHIVELY FLD (See SARATOGA)

SHOSHONI MUNI (49U) 1 N UTC-7(-6DT) N43°15.08' W108°07.29'

CHEYENNE

4817 NOTAM FILE CPR

RWY 08-26: 4650X90 (DIRT)

RWY 08: P-lines RWY 26: Fence

RWY 11-29: 2950X75 (DIRT)

RWY 11: Fence

AIRPORT REMARKS: Unattended. Antelope on arpt. Arpt has uncontrolled vehicle access. Rwy 08-26 no line of sight between rwy ends. Rwy 08-26 and Rwy 11-29 numerous rocks on rwy surface, rwy soft when wet. Rwy 08-26 and Rwy 11-29 thlds not marked.

COMMUNICATIONS: CTAF 122.9**SINCLAIR** N41°48.12' W107°05.53'. NOTAM FILE RWL.

CHEYENNE

NDB (HW) 368 SIR 260° 4.8 NM to Rawlins Muni./Harvey Fld.

L-11E

SOUTH BIG HORN CO (See GREYBULL)**THERMOPOLIS****HOT SPRINGS CO-THERMOPOLIS MUNI** (THP) 1 N UTC-7(-6DT)

CHEYENNE

N43°39.50' W108°12.79'

L-11E

4592 B FUEL 100LL NOTAM FILE CPR

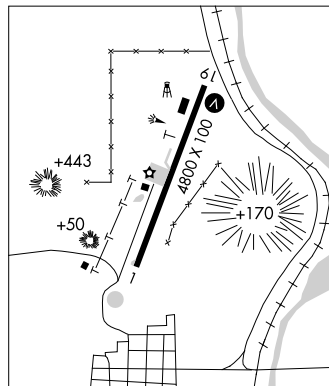
RWY 01-19: H4800X100 (ASPH-PFC) S-13 LIRL

RWY 19: VASI(V2L)—GA 3.0° TCH 26'.

AIRPORT REMARKS: Attended Nov-Apr 1500-0000Z†, May-Oct 1430-0030Z†. For svc after hrs call 307-864-3385 or 307-921-1528. Closed all major holidays. Self-serve credit card fuel avbl 24 hrs. Due to terrain, ops at ngt not recommended. Hills on each side of rwy, not obstruction lgtd. +204' hill on rwy centerline extended. Ground drops off 50' at 15' from Rwy 01 thld and 15' at 30' from Rwy 19 thld. Rwy 01-19 is 118' higher on S end. Recommend ldg uphill Rwy 19; tkf downhill Rwy 01 depending on wind. +3' dip/trough 137' to 145' from Rwy 01 thld entire width of rwy. Extensive cracking and line of sight issues on entire rwy. ACTIVATE LIRL Rwy 01-19 and VASI Rwy 19—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE CPR.**BOYSEN RESERVOIR (H) VORW/DME** 117.8 BOY Chan

125 N43°27.79' W108°17.98' 002° 12.3 NM to fld. 7550/16E.

**THOMAS MEM** (See GLENDO)**TORRINGTON MUNI** (TOR) 2 E UTC-7(-6DT) N42°03.87' W104°09.16'

CHEYENNE

4207 B S4 FUEL 100LL, JET A NOTAM FILE TOR

H-5A, L-12F

RWY 10-28: H5703X75 (ASPH) S-33, D-45 MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Hill.

RWY 02-20: H3001X60 (ASPH)

RWY 02: Ground. Rgt tfc.

AIRPORT REMARKS: Attended 1500-0000Z†. Except national holidays. For fuel after hours call 307-532-2941 or 307-532-7353. Deer and waterfowl on and in/ovf arpt. Rwy 20, 7' drop off 60' L and R of centerline at thld, Rwy 10, 7' drop 100' from thld and 75' R. Rwy 10 thld dsplcd 220' for ngt ops only. Reflectors along parallel twys only, others lighted. ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28 and REIL Rwy 10 and Rwy 28—CTAF. MIRL will only activate if beacon is operating during dark or overcast periods.

WEATHER DATA SOURCES: ASOS 118.375 (307) 532-8958.**COMMUNICATIONS:** CTAF/UNICOM 122.8

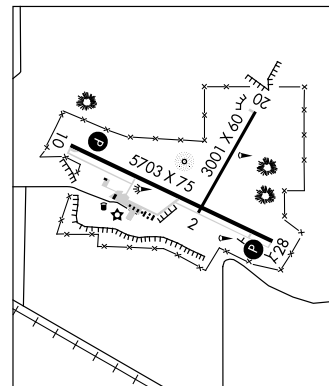
® DENVER APP/DEP CON 127.95

RADIO AIDS TO NAVIGATION: NOTAM FILE BFF.**SCOTTSBLUFF (H) VORTAC** 112.6 BFF Chan 73 N41°53.65'

W103°28.92' 276° 31.8 NM to fld. 4170/13E.

NDB (MHW) 293 TOR N42°03.95' W104°09.20' at fld.

NOTAM FILE TOR.



UPTON MUNI (83V) 1 SW UTC-7(-6DT) N44°05.43' W104°38.45'

CHEYENNE

4290 B NOTAM FILE CPR

RWY 13-31: 3710X80 (DIRT-GRVL) MIRL

RWY 13: REIL. SAVASI(S2L)—GA 3.0° TCH 25'.

RWY 31: REIL. SAVASI(S2L)—GA 3.0° TCH 25'.

AIRPORT REMARKS: Unattended. For arpt attendant call 307-468-2441. Wildlife on and in/ovf arpt. Ctc arpt manager for rwy conditions prior to winter ops phone 307-468-2441. No regular snow removal. Rwy 13-31 marginal line of sight from rwy ends. +3' berms along rwy edges. Base of rwy lights are surrounded by reflector cones. Rwy 13-31 MIRL OTS indef. Rwy 13 and Rwy 31 REIL OTS indef. Rwy 13 and Rwy 31 VASI OTS indef. Rotating bcn OTS indef. Radio controlled airplane activity within rwy environment.

COMMUNICATIONS: CTAF/UNICOM 122.8.**WENZ** N42°47.83' W109°48.21'. NOTAM FILE CPR.

SALT LAKE CITY

NDB (MHW) 392 PNA at Ralph Wenz Fld.

L-11D

WHEATLAND**PHIFER AIRFIELD** (EAN) 1 E UTC-7(-6DT) N42°03.33' W104°55.72'

CHEYENNE

4776 B NOTAM FILE CPR

H-3E, 5A, L-12F

RWY 08-26: H5899X75 (ASPH) S-15 MIRL (NSTD)

IAP

RWY 08: PAPI(P2L)—GA 3.15° TCH 31'. Tree.

RWY 26: PAPI(P2L)—GA 3.0° TCH 26'.

AIRPORT REMARKS: Unattended. Marginal line of sight Rwy 26 thld to area 3000' W. Rwy 08-26 NSTD MIRL only three lgts per set of thld lgts. ACTIVATE MIRL Rwy 08-26—CTAF. PAPI Rwy 08 and Rwy 26 opr continuously.

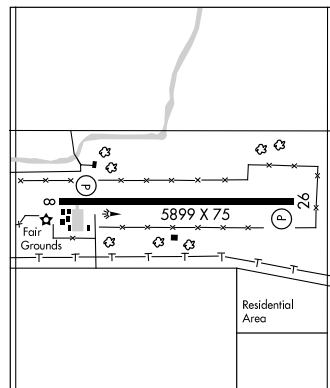
COMMUNICATIONS: CTAF 122.9

① DENVER CENTER APP/DEP CON 135.6

RADIO AIDS TO NAVIGATION: NOTAM FILE DGW.

HIPSHER (L) VOR/DME 108.6 IIP Chan 23 N42°40.57'

W105°13.57' 148° 39.5 NM to fld. 4906/12E.

**WORLAND MUNI** (WRL) 3 S UTC-7(-6DT) N43°57.94' W107°57.05'

CHEYENNE

4227 B S4 FUEL 100LL, JET A Class III, ARFF Index A NOTAM FILE WRL

H-1E, L-11E

RWY 16-34: H7005X100 (ASPH-PFC) S-50, D-70 MIRL 0.9% up S

IAP

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

RWY 34: REIL. VASI(V4L)—GA 3.0° TCH 40'.

RWY 10-28: 2251X60 (TURF) 1.5% up SE

RWY 04-22: 2241X60 (TURF) 0.4% up NE

AIRPORT REMARKS: Attended 1300-2330Z. Rwy 04-22 and Rwy 10-28 CLOSED Oct 30-Mar 30 yearly. CLOSED to air carrier operations with more than 30 passenger seats. Wind permitting land Rwy 16. ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34 and VASI Rwy 34—CTAF. PAPI Rwy 16 opr continuously.

WEATHER DATA SOURCES: ASOS 135.475 (307) 347-4217.**COMMUNICATIONS:** CTAF/UNICOM 123.05

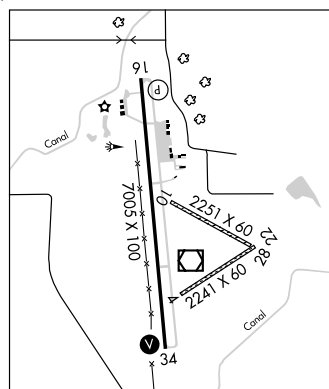
RCO 122.4 (CASPER RADIO)

① SALT LAKE CENTER APP/DEP CON 133.25

AIRSPACE: CLASS E svc 1330-0530Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE WRL.

(L) VOR/DME 114.8 RLY Chan 95 N43°57.85'

W107°57.05' at fld. 4190/13E.

**YELLOWSTONE RGNL** (See CODY)

**INTENTIONALLY
LEFT
BLANK**



**VFR ADVISORY AREA
Canadian Airspace
VICTORIA-VANCOUVER
(Effective: Until Further Notice)**

Effective 0901 UTC August 6, 1994, a VFR Advisory Area was permanently established between the two Canadian control zones, from above 1,200' MSL up to 2,500' MSL. Vancouver and Victoria Towers provide radar traffic information to all participating aircraft within the VFR Advisory Area.

PROCEDURES

Victoria/Vancouver

*All aircraft operating between Victoria and Vancouver within the VFR Advisory Area should follow the routes shown on the graphic.

***Northbound:** Change from Victoria Tower, 119.1, to Vancouver Tower, 124.0, when instructed by ATC.

***Southbound:** Change from Vancouver Tower, 124.0, to Victoria Tower, 119.1, when instructed by ATC.

*Set transponder codes as requested.

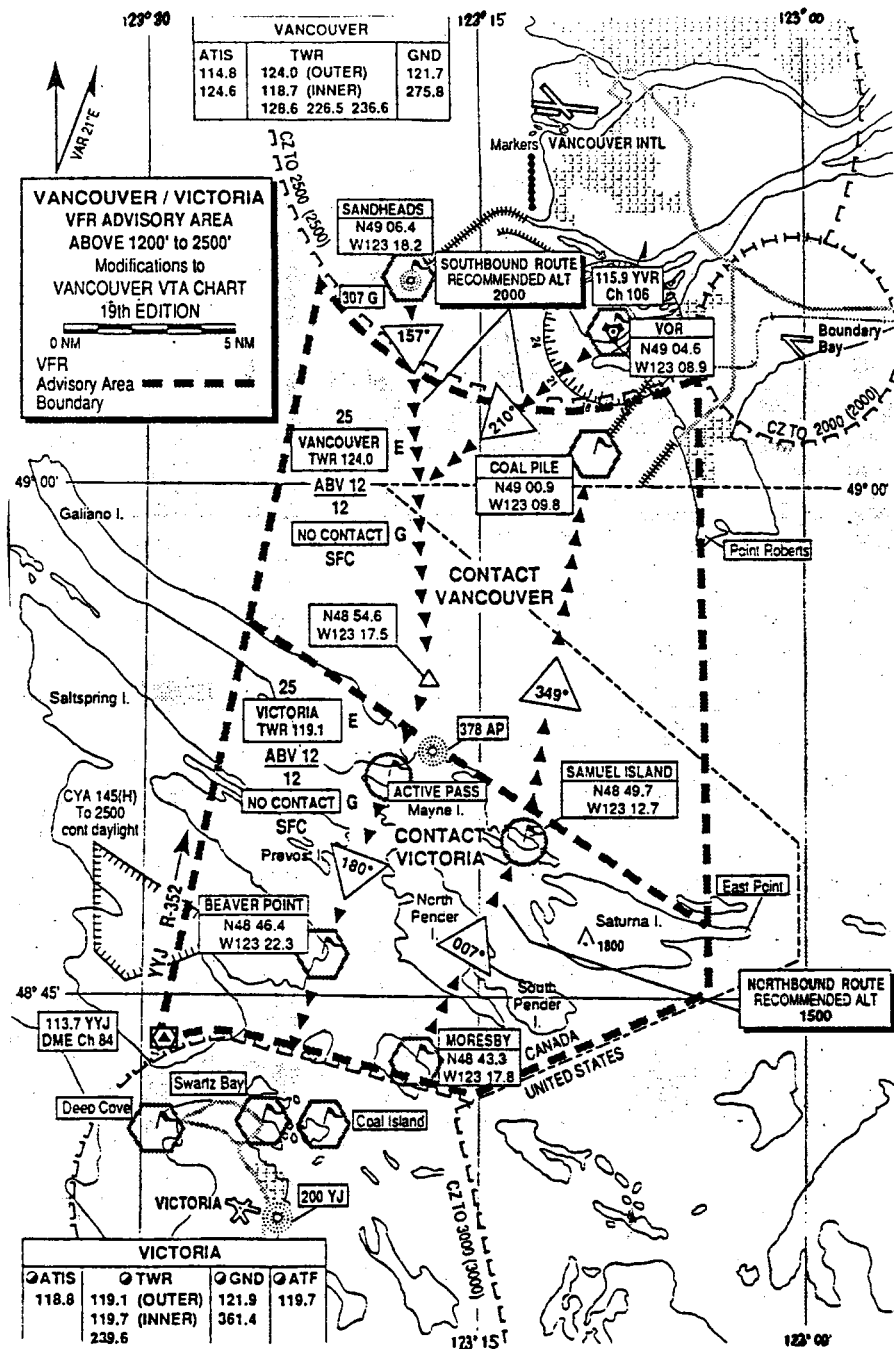
TRANSITING TRAFFIC

*Call Vancouver Tower on 124.0 when north of the Active Pass/Samuel Island Line.

*Call Victoria Tower on 119.1 when south of the Active Pass/Samuel Island Line.

*Set Transponder codes as requested.

Routes and recommended altitudes will not be useable by all aircraft at all times because of weather and regulations pertaining to flight over water. Higher altitudes may be requested. If unable to maintain VFR, advise ATC.



CONTROLLED FIRING
Fort Harrison Controlled Firing Area
Helena, Montana

Controlled firing occurs in the vicinity of the Helena, Montana VORTAC (HLN) 24 hours daily, 5'800 MSL and BELOW. The area defined by the following radial/DME coordinates HLN258008, HLN258005, HLN250008, HLN250005.

CONTROLLED FIRING
Limestone Hills Controlled Firing Area
Helena, Montana

Controlled firing occurs in the vicinity of the Helena, Montana VORTAC (HLN) 24 hours daily, FL180 and BELOW. The area defined by the following radial/DME coordinates HLN125026, HLN127028, HLN140025, HLN125028.

**SPECIAL NORTH ATLANTIC, CARIBBEAN AND
PACIFIC AREA COMMUNICATIONS**

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MOUNT ST. HELENS NATIONAL VOLCANIC MONUMENT, WASHINGTON

The U.S. Geological Survey (USGS) and the U.S. Forest Service (USFS) conduct low level flights to and from monitor station within the monument and within the crater itself. Due to this activity, the volatility of the volcano and a high volume of sightseeing flights in the area, the following procedures are recommended in the interest of flying safety.

1. VFR aircraft are encouraged to transmit an initial position report on 122.75 MHz in the blind when flying at altitudes of less than 10,000 feet MSL within 10 nautical miles of the Mount St. Helens volcano crater.
2. VFR flight below 3000 feet AGL – strongly not recommended.
3. VFR flight above 3000 feet AGL – fly a counterclockwise pattern, no closer than 3 miles to the volcano summit.

VFR rules of "see and be seen" and good airmanship practices will prevail. Approval to land can only be obtained through appropriate Federal or State authority. Any significant information will be broadcast on the transcribed weather broadcasts by the Seattle and McMinnville Flight Service Stations and available on the Portland and Seattle ATIS. Marginal radar coverage limits Seattle Center's ability to provide radar flight following to aircraft in orbit of the volcano.

DEVILS TOWER NATIONAL MONUMENT, WYOMING

For reasons of national welfare, pilots are requested to avoid flights within 3 nautical miles of Devils Tower National Monument.

BIRD HAZARD OREGON AND WASHINGTON

Heavy concentration of migratory and wintering flocks of large waterfowl from the Canadian to California borders annually November to May. Caution advised at all airports or while transiting area.

SIMULTANEOUS OPERATIONS
Boeing Field/King County International Airport
Seattle, Washington

All users: Boeing Field Airport Traffic Control Tower is authorized to conduct simultaneous same direction operations to parallel runways, between sunrise and sunset, for Category II aircraft and smaller.

Spokane International Airport
Spokane, Washington

Application of visual separation for simultaneous operations. When weather conditions at Spokane International Airport are 1500' ceiling and 5 miles visibility or greater Spokane International Airport controllers may provide visual separation of aircraft landing and departing simultaneously at Spokane International Airport and Fairchild Airforce Base.

LASER LIGHT DEMONSTRATIONS
Bozeman, Montana

A laser light demonstration will be conducted daily between 0000 and 2359 MDT until June 24, 2010 at Montana State University BZN VORTAC 129 radial at 8 NM LAT 45–39–59N/Long 111–02–44W. The laser beam elevation will be a maximum of 090 and a minimum of 089. The beam may be injurious to eyes when viewed within 12000 feet AGL vertically and 500 feet laterally of the light source. Cockpit illumination–flash blindness may occur beyond these distances.

**SEATTLE-TACOMA INTL
SEATTLE, WASHINGTON****Gatehold Procedures:**

During peak departure periods, gatehold procedures are implemented for all IFR departures. Additional information will be broadcast on ATIS.

Oceanic Departures:

1. Contact Clearance Delivery *only* when you will be ready to taxi within ten minutes. State destination, requested altitude, "ten minutes to taxi."
 2. If ATC delays are more than 15 minutes for your filed altitude/route, alternatives with less delay will be offered.
 3. Failure to depart the gate within ten minutes or reach the runway at the release time specified in the IFR clearance may result in the cancellation of your clearance.
-

MOUNTAIN HOME, IDAHO

All aircraft operating within 20 NM of the Liberator VOR are requested to contact Mountain Home APP CON on 124.8 for traffic advisory due to intensive military training in the Mountain Home area.

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission.

Army installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations, prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or water administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

CONTINUOUS POWER FACILITIES

In order to insure that a basic ATC system remains in operation despite an areawide or catastrophic commercial power failure, key equipment and certain airports have been designated to provide a network of facilities whose operational capability can be utilized independent of any commercial power supply.

In addition to those facilities comprising the basic ATC system, the following approach and lighting aids have been included in this program for a selected runway.

1. ILS (Localizer, Glide Slope, COMLO, Inner, Middle and Outer Markers)
2. Wind Measuring Capability
3. Approach Light System (ALS) or Short ALS (SALS)
4. Ceiling Measuring Capability
5. Touchdown Zone Lighting (TDZL)
6. Centerline Lighting (CL)
7. Runway Visual Range (RVR)
8. High Intensity Runway Lighting (HIRL)
9. Taxiway Lighting
10. Apron Light (Perimeter Only)

The following have been designated "Continuous Power Airports," and have independent back up capability for the equipment installed.

Airport/Ident	Runway No.	Airport/Ident	Runway No.
Albuquerque, NM (ABQ)	08	Milwaukee, WI (MKE)	01L
Andrews AFB, MD (ADW)	01L	Minneapolis, MN (MSP)	30L
Anchorage, AK (ANC)	07R	Nashville, TN (BNA)	02L
Atlanta, GA (ATL)	09R	New Orleans, LA (MSY)	10
Baltimore, MD (BWI)	10	New York, NY (JFK)	04R
Bismarck, ND (BIS)	31	New York, NY (LGA)	22
Boise, ID (BOI)	10R	Newark, NJ (EWR)	04R
Boston, MA (BOS)	04R	Oklahoma City, OK (OKC)	35R
Charlotte, NC (CLT)	36L	Omaha, NE (OMA)	14R
Chicago, IL (ORD)	14R	Ontario, CA (ONT)	26L
Cincinnati, OH (CVG)	36C	Philadelphia, PA (PHL)	09R
Cleveland, OH (CLE)	06R	Phoenix, AZ (PHX)	08
Dallas/Fort Worth, TX (DFW)	17C	Pittsburgh, PA (PIT)	10L
Denver, CO (DEN)	35R	Reno, NV (RNO)	16R
Des Moines, IA (DSM)	31	Salt Lake City, UT (SLC)	34L
Detroit, MI (DTW)	03R	San Antonio, TX (SAT)	12R
El Paso, TX (ELP)	22	San Diego, CA (SAN)	09
Fairbanks, AK (FAI)	01L	San Francisco, CA (SFO)	28R
Great Falls, MT (GTF)	03	San Juan, PR (SJU)	08
Honolulu, HI (HNL)	08L	Seattle, WA (SEA)	16C
Houston, TX (IAH)	26L	St. Louis, MO (STL)	30R
Indianapolis, IN (IND)	05L	Tampa, FL (TPA)	36L
Jacksonville, FL (JAX)	07	Tulsa, OK (TUL)	36R
Kansas City, MO (MCI)	19R	Washington, DC (DCA)	01
Los Angeles, CA (LAX)	24R	Washington, DC (IAD)	01R
Memphis, TN (MEM)	36L	Wichita, KS (ICT)	01L
Miami, FL (MIA)	08R		

NOTE—The existing CPA runway is listed. Pending and future changes at some locations will require a revised runway designation.

Night Vision Lights Out Operations Yakima Training Center, Washington

Military helicopter activity will be conducted for night vision lights out training at Yakima Training Center, Washington. Position lights will be extinguished or greatly reduced in intensity. The training will be conducted within the confines of the YTC reservation but outside of the restricted airspace. The general description of the night vision goggle (NVG) training area is that airspace bordered by R-6714H on the south, Highline Canal on the west, the southern edge of Interstate 90 on the north, and Ginko State Park Petified Forest on the east.

The boundaries of the NVG area are:

Beginning at lat. 46°55'03"N, long. 120°01'34"W;
to lat. 46°55'40"N, long. 120°01'35"W;
to lat. 46°55'39"N, long. 120°02'52"W;
to lat. 46°56'15"N, long. 120°02'52"W
thence west along the southern edge of Interstate 90;
to lat. 46°57'21"N, long. 120°18'08"W;
thence west/southwest along the Highline Canal;
to lat. 46°55'24"N, long. 120°19'55"W;
to point of beginning.

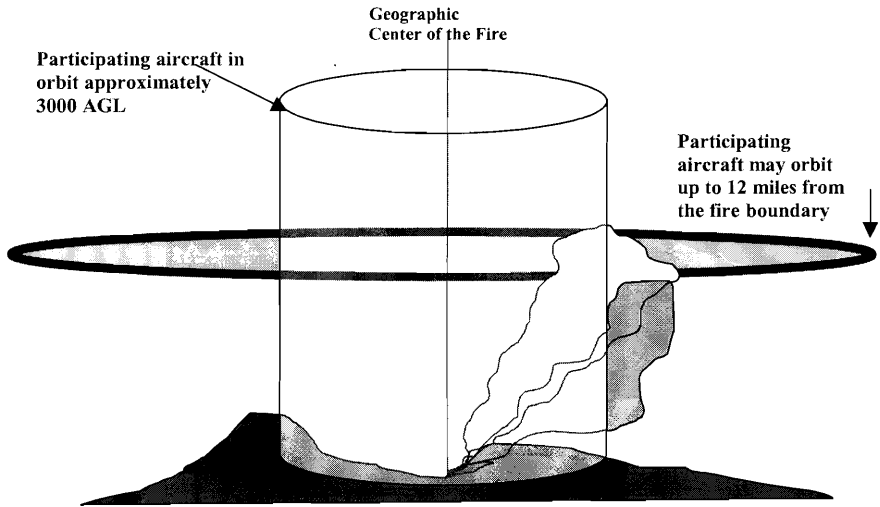
Times of use: Sunset to sunrise, daily.

Request Publication date of May 22, 1997.

Please refer any questions to James Riley, ANM-532.2, at (206) 227-2537.

LIGHTS-OUT OPERATIONS Hays MOA, Montana

Lights-out night vision goggle training operations conducted within the Hays MOA at all altitudes from sunset to sunrise when MOA is active by NOTAM. Contact Salt Lake City ARTCC on 133.4 or 119.75 or Great Falls FSS for schedule and NOTAM information.

FIREFIGHTING TRAFFIC AREAS

Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, World Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93-1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at <http://www.faa.gov>. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e-CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll-free telephone number for accessing e-CVRS is 1-800-875-9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll-free areas may access e-CVRS by calling the toll number of 703-707-0568. The Internet web address for accessing the e-CVRS is <http://www.fly.faa.gov/ecvrs>. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904-4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high-density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904-4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e-CVRS.

FSS TELEPHONE NUMBERS

Flight Service Station (FSS) facilities provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a network of large hub facilities and smaller remote facilities which are interconnected with the hubs.

Selected remote FSS facilities across the contiguous United States have variable part-time operating hours. Because of the interconnectivity between remote and hub facilities, all FSS services are available continuously using published telephone numbers and radio frequencies.

NORTHWEST U.S.

WASHINGTON: Seattle, Boeing Field/King County International (BFI)—SEA FSS

Telephone Information Briefing Service (TIBS) is a FSS service that provides continuous recordings of meteorological and/or aeronautical information including area and/or route briefings, airspace procedures and special announcements. A touch-tone telephone is required to fully utilize this service.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings 1-800-WX-BRIEF (1-800-992-7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

TIBS (see description above) 1-877-4TIBS-WX(1-877-484-2799)

Clearance Delivery Only 1-888-766-8267

Lifeguard Flights Only 1-877-LIF-GRD3 (1-877-543-4733)

Flights within DC SFRA & FRZ * 1-866-225-7410

* District of Columbia Special Flight Rules Area & Flight Restricted Zone

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ.FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA
OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB
18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: <u>TAF</u> -routine or <u>TAF AMD</u> -amended forecast, <u>METAR</u> -hourly, <u>SPECI</u> -special or <u>TESTM</u> -non-commissioned ASOS report	METAR
KPIT	ICAO location indicator	KPIT
091730Z	Issuance time: ALL times in UTC " <u>Z</u> ", 2-digit date, 4-digit time	091955Z
091818	Valid period: 2-digit date, 2-digit beginning, 2-digit ending times In U.S. METAR : <u>COR</u> rected ob; or <u>AUTO</u> mated ob for automated report with no human intervention; omitted when observer logs on	COR
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or <u>VaRiaBle</u>); next 2-3 digits for speed and unit, <u>KT</u> (KMH or MPS); as needed, <u>Gust</u> and maximum speed; 00000KT for calm; for METAR , if direction varies 60 degrees or more, <u>Variability</u> appended, e.g. 180V260	22015G25KT
5SM	Prevailing visibility: in U.S., <u>Statute Miles</u> & fractions; above 6 miles in TAF <u>Plus</u> 6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	3/4SM
HZ	Runway Visual Range: <u>R</u> ; 2-digit runway designator <u>Left</u> , <u>Center</u> , or <u>Right</u> as needed; <u>"I"</u> ; <u>Minus</u> or <u>Plus</u> in U.S., 4-digit value, <u>Feet</u> in U.S., (usually meters elsewhere); 4-digit value <u>Variability</u> 4-digit value (and tendency <u>Down</u> , <u>Up</u> or <u>No change</u>)	R28L/2600FT
FEW020	Significant present, forecast and recent weather: see table (on back) Cloud amount, height and type: <u>SKY</u> <u>Clear</u> 0/8, <u>FEW</u> >0/8-2/8, <u>SCaTtered</u> 3/8-4/8, <u>BroKeN</u> 5/8-7/8, <u>OVerCast</u> 8/8; 3-digit height in hundreds of ft; <u>Towering CU</u> mulus or <u>CumulonimBus</u> in METAR ; in TAF , only <u>CB</u> . <u>Vertical Visibility</u> for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated METAR reports only, <u>CLeaR</u> for "clear below 12,000 feet" <u>Tem</u> perature: degrees Celsius; first 2 digits, temperature <u>"I"</u> last 2 digits, dew-point temperature; <u>Minus</u> for below zero, e.g., M06 <u>Altimeter</u> setting: indicator and 4 digits; in U.S., <u>A</u> -inches and hundredths; (<u>Q</u> -hectoPascals, e.g., Q1013)	TSRA OVC010CB 18/16 A2992

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT	In U.S. TAF , non-convective low-level ($\leq 2,000$ ft) <u>Wind Shear</u> ; 3-digit height (hundreds of ft); "°"; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, <u>KT</u>	RMK SLP045 T01820159
FM1930	In METAR , <u>ReMark</u> indicator & remarks. For example: <u>Sea-Level Pressure</u> in hectoPascals & tenths, as shown: 1004.5 hPa; <u>Temp/dew-point</u> in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C	
TEMPO 2022	<u>FroM</u> and 2-digit hour and 2-digit minute beginning time: indicates significant change. Each FM starts on new line, indented 5 spaces.	
PROB40 0407	TEMPO rary: changes expected for < 1 hour and in total, < half of 2-digit hour beginning and 2-digit hour ending time period	
BECMG 1315	PROB ability and 2-digit percent (30 or 40): probable condition during 2-digit hour beginning and 2-digit hour ending time period	
	BEC oMing: change expected during 2-digit hour beginning and 2-digit hour ending time period	

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

QUALIFIER

Intensity or Proximity

- Light "no sign" Moderate + Heavy

VC Vicinity: but not at aerodrome; in U.S. **METAR**, between 5 and 10SM of the point(s) of observation; in U.S. **TAF**, 5 to 10SM from center of runway complex (elsewhere within 8000m)

Descriptor

MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing

WEATHER PHENOMENA

Precipitation

DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PL Ice pellets	GR Hail	GS Small hail/snow pellets

UP Unknown precipitation in automated observations

Obscuration

BR Mist ($\geq 5/8$ SM)	FG Fog ($< 5/8$ SM)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust

Other

SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "()" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥ 10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE

NOAA/PA 96052

National Oceanic and Atmospheric Administration—National Weather Service

Air Traffic Control System Command Center

Main Number 703-904-4400

RGNL AIR TRAFFIC DIVISIONS

REGION	TELEPHONE
Alaskan	907-271-5464
Central	816-329-2500
Eastern	718-553-4502
Great Lakes	847-294-7202
New England	781-238-7500
Northwest Mountain	425-227-2500
Southern	404-305-5500
Southwest	817-222-5500
Western Pacific	310-725-6500

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque	817-222-5006	7:30 a.m.-4:00 p.m.	505-856-4300
Anchorage	907-271-5936	7:30 a.m.-4:00 p.m.	907-269-1137
Atlanta	404-305-5180	7:30 a.m.-5:00 p.m.	770-210-7601
Boston	617-238-7001	7:30 a.m.-4:00 p.m.	603-879-6633
Chicago	847-294-8400	8:00 a.m.-4:00 p.m.	630-906-8221
Cleveland	847-294-8400	8:00 a.m.-4:00 p.m.	440-774-0310
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-651-4100
Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	817-858-7300
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-5300
Indianapolis	847-294-8400	8:00 a.m.-4:00 p.m.	317-247-2231
Jacksonville	404-305-5180	8:00 a.m.-4:30 p.m.	904-549-1501
Kansas City	816-329-3000	7:30 a.m.-4:00 p.m.	913-254-8500
Los Angeles	661-265-8200	7:30 a.m.-4:00 p.m.	661-265-8200
Memphis	404-305-5180	7:30 a.m.-4:00 p.m.	901-368-8103
Miami	404-305-5180	7:00 a.m.-3:30 p.m.	305-716-1500
Minneapolis	847-294-8400	8:00 a.m.-4:00 p.m.	651-463-5580
New York	718-995-5426	8:00 a.m.-4:40 p.m.	516-468-1001
Oakland	310-725-3300	6:30 a.m.-3:00 p.m.	510-745-3331
Salt Lake City	425-227-1389	7:30 a.m.-4:00 p.m.	801-320-2500
Seattle	425-227-1389	7:30 a.m.-4:00 p.m.	253-351-3500
Washington	718-995-5426	8:00 a.m.-4:30 p.m.	703-771-3401

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONS)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Chicago	847-294-8400	8:00 a.m.-4:00 p.m.	847-608-5509
Dallas/Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	972-615-2500
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1500
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-8400
New York	718-995-5426	8:00 a.m.-4:30 p.m.	516-683-2901
Northern CA	310-725-3300	7:00 a.m.-3:30 p.m.	916-366-4001
Southern CA	310-725-3300	7:30 a.m.-4:00 p.m.	858-537-5800

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

KEY AIR TRAFFIC FACILITIES

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817-222-5006	8:00 a.m.-5:00 p.m.	505-842-4366
Andrews AFB, MD	718-995-5426	8:00 a.m.-4:30 p.m.	301-735-2380
Baltimore/Washington Intl Thurgood Marshall, MD	718-995-5426	8:00 a.m.-4:30 p.m.	410-962-3555
Boston Logan Intl, MA	781-238-7001	7:30 a.m.-4:00 p.m.	617-455-3100
Bradley Intl, CT	617-238-7001	7:30 a.m.-4:00 p.m.	203-627-3428
Burbank/Bob Hope, CA	310-725-3300	7:00 a.m.-5:30 p.m.	818-567-4806
Charlotte Douglas Intl, NC	404-305-5180	8:00 a.m.-4:30 p.m.	704-344-6487
Chicago Midway, IL	847-294-8400	8:00 a.m.-4:00 p.m.	773-884-3670
Chicago O'Hare Intl, IL	847-294-8400	8:00 a.m.-4:00 p.m.	773-601-7600
Cleveland Hopkins Intl, OH	847-294-8400	8:00 a.m.-4:00 p.m.	216-898-2020
Covington/Cincinnati, OH	708-294-7401	8:00 a.m.-4:30 p.m.	606-767-1006
Dallas/Ft. Worth Intl, TX	817-222-5006	8:30 a.m.-5:00 p.m.	972-615-2531
Dayton Cox Intl, OH	847-294-8400	7:30 a.m.-4:00 p.m.	937-454-7300
Denver Intl, CO	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1600
Detroit Metro, MI	847-294-8400	8:00 a.m.-4:00 p.m.	734-955-5000
Fairbanks Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-474-0050
Fort Lauderdale Intl, FL	404-305-5180	7:00 a.m.-3:30 p.m.	305-356-7932
George Bush Intercontinental/Houston, TX	817-222-5006	7:30 a.m.-4:00 p.m.	713-230-8400
Hartsfield-Jackson Atlanta Intl, GA	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Honolulu Intl, HI	310-643-3200	7:30 a.m.-4:00 p.m.	808-840-6100
Houston Hobby, TX	817-222-5006	8:00 a.m.-5:00 p.m.	713-847-1400
Indianapolis Intl, IN	847-294-8400	8:00 a.m.-4:00 p.m.	317-484-6600
Kahului/Maui, HI	310-643-3200	7:30 a.m.-4:00 p.m.	808-877-0725
Kansas City Intl, MO	816-329-3000	7:30 a.m.-4:00 p.m.	816-329-2700
Las Vegas McCarran, NV	310-725-3300	7:30 a.m.-4:00 p.m.	702-262-5978
Los Angeles Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	310-342-4900
Louis Armstrong New Orleans Intl, LA	817-222-5006	7:00 a.m.-4:30 p.m.	504-471-4300
Memphis Intl, TN	404-305-5180	7:30 a.m.-4:00 p.m.	901-322-3350
Miami Intl, FL	404-305-5180	7:00 a.m.-4:00 p.m.	305-869-5400
Minneapolis/St. Paul, MN	847-294-8400	8:00 a.m.-4:00 p.m.	612-713-4000
Nashville Intl, TN	404-305-5180	7:00 a.m.-3:30 p.m.	615-781-5460
New York Kennedy Intl, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-656-0335
New York La Guardia, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-335-5461
Newark Liberty Intl, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	973-645-3103
Norman Y. Mineta San Jose Intl, CA	310-643-3200	7:30 a.m.-4:00 p.m.	408-982-0750
Ontario Intl, CA	310-643-3200	7:30 a.m.-4:00 p.m.	909-983-7518
Orlando Intl, FL	404-305-5180	7:30 a.m.-5:00 p.m.	407-850-7000
Philadelphia Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	215-492-4100
Phoenix Sky Harbor Intl, AZ	310-643-3200	7:30 a.m.-4:00 p.m.	602-379-4226
Pittsburgh Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	412-269-9237
Portland Intl, OR	425-227-1389	7:30 a.m.-4:00 p.m.	503-493-7500
Raleigh-Durham, NC	404-305-5180	8:00 a.m.-4:30 p.m.	919-840-5544
Ronald Reagan Washington National, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-413-1535
Salt Lake City, UT	425-227-1389	7:30 a.m.-4:00 p.m.	801-325-9600
San Antonio Intl, TX	817-222-5006	8:00 a.m.-4:30 p.m.	210-805-5507
San Diego Lindbergh Intl, CA	310-725-3300	8:00 a.m.-4:30 p.m.	619-299-0677
San Francisco Intl, CA	310-643-3200	7:00 a.m.-3:30 p.m.	650-876-2883
San Juan Intl, PR	404-305-5180	7:30 a.m.-5:00 p.m.	809-253-8663
Seattle-Tacoma Intl, WA	425-227-1389	7:30 a.m.-4:00 p.m.	206-214-4600
St. Louis Lambert, MO	816-329-3000	7:30 a.m.-4:00 p.m.	314-890-1000
Tampa Intl, FL	404-305-5180	7:30 a.m.-4:00 p.m.	813-371-7700
Ted Stevens Anchorage Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-271-2700
Teterboro, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	201-288-1889
Washington Dulles Intl, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-661-6031
West Palm Beach, FL	404-305-5180	8:00 a.m.-4:30 p.m.	407-683-1867
Westchester Co, NY	718-995-5426	8:00 a.m.-4:30 p.m.	914-948-6520

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

®DENVER CENTER – 125.9 **H-1-2-3-4-5-6, L-8-9-10-11-12-13-14-15**
(KZDV)

Casper – 135.6 **118.925**
Cherokee – 132.1
Cheyenne – **134.575 133.175** 132.1 125.9
Laramie – 125.9
Lusk – 135.6
Medicine Bow – **133.175** 132.1 126.5
Rock Springs – 128.5
Sundance – 135.6 **133.675**

®SALT LAKE CITY CENTER **H-1-2-3, L-9-11-12-13-14**
(KZLC)

Ashton – **132.4** 132.4 **128.35** 128.35
Baker – 128.05
Big Piney – **128.35** 128.35
Billings – **127.75** 127.75
Blackfoot – **128.35** 128.35
Bliss – 128.55 118.05
Boise – 118.05
Bozeman – **132.4** 132.4
Burley – 118.05
Butte – **133.4** 133.4 **132.4** 132.4
Cascade – **121.15**
Francis Peak – 127.7
Glasgow – **126.85** 126.85
Great Falls – **133.4** 133.4 **132.425**
Green River – **124.35** 124.35
Jackson – **133.25** 133.25
Judith Mountain – **133.4** 133.4 **126.85** 126.85
Lakeside – 133.4
Lovell – **133.25** 133.25
Malad City – **126.75**
Miles City – **126.85** 126.85
Missoula – 133.4 **119.75** 119.75
Rome – 128.05
Salmon – **132.4** 132.4
Sheridan – **127.75** 127.75
Squaw Butte – 128.05 **121.15**
Thermopolis – **133.25** 133.25 **124.35** 124.35

®SEATTLE CENTER **H-1-3, L-1-2-11-13**
(KZSE)

Antelope Mountain – 124.85
Arcata – 124.85
Badger Mountain – **127.05** 127.05 **134.95** 134.95
Beacon Hill – **127.05** 127.05 **120.3** 120.3
Cottonwood – 123.95 **118.55**
Dallesport – **126.6** 126.6
Fort Lawton – **127.05** 127.05
Hoquiam – **128.3**
Horton – **132.075** 125.8 121.4
Kimberly – **135.45**
Klamath Falls – **134.9** 127.6
Lakeside – 123.95
Lakeview – **135.35** 127.6
Larch Mountain – **128.3** 128.3 **126.6** 126.6
Marlin – 126.1
Medford – **135.15** 124.85 121.4
Mohler – 128.45
Mullan Pass – **128.45**
Nassel – 124.2
Neah Bay – **125.1** 125.1
Redmond – **121.35** **134.9** **135.35** 128.15
Rex-Parrett – **121.35**
Scappoose – 124.2 128.15
Spokane – 123.95 119.225
Stampede Pass – **134.95** 134.95
The Dalles – **135.45** 119.65
Wallula – 132.6
Wenatchee – 126.1
Whidbey Island – **134.95** 134.95 128.5 **125.1** 125.1
Yakima – **135.525** 135.525 132.6 **120.3** 120.3 **118.55**

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. "T" indicates transmit only and "R" indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

BOISE AFSS

ASHTON RCO 123.625
BLISS RCO 122.4
BOISE RCO 122.2 122.6
CASCADE RCO 122.35
CONNERS RCO 122.05
COEUR D'ALENE RCO 122.05
HAILEY RCO 122.4
IDAHO FALLS RCO 122.55
LEWISTON RCO 122.35
MALAD CITY RCO 122.65
MOUNTAIN HOME RCO 122.6
MULLAN PASS RCO 122.15
POCATELLO RCO 122.35
ROME RCO 122.65
SALMON RCO 122.55
SQAW BUTTE RCO 122.45
STANLEY RCO 122.6
TWIN FALLS RCO 122.25

CASPER AFSS

ANTELOPE GAP RCO 122.2
BIG PINEY RCO 122.3
BOYSEN RESERVOIR RCO 122.3
CASPER RCO 122.2 122.4
CHEROKEE RCO 122.4
CHEYENNE RCO 122.3
CODY RCO 122.3
CONVERSE RCO 121.975
CRAZY WOMAN RCO 122.025
DUNIOR RCO 122.6
FORT BRIDGER RCO 122.3
GILLETTE RCO 122.3
JACKSON RCO 122.05
LARAMIE RCO 122.6
MEDICINE BOW RCO 122.5
NEWCASTLE RCO 122.5
RAWLINS RCO 122.2
RIVERTON RCO 122.2
ROCK SPRINGS RCO 122.6
SHERIDAN RCO 122.5
WORLAND RCO 122.4

GREAT FALLS AFSS

BILLINGS 122.55
BOZEMAN RCO 122.5
BUTTE RCO 122.2 122.4
COPPERTOWN RCO 122.65
CUT BANK RCO 122.2
DILLON RCO 122.15
GLASGOW RCO 122.25
GLEN DIVE RCO 122.55
GREAT FALLS RCO 122.6
HARLOWTON RCO 122.4
HAVRE RCO 123.65
HELENA RCO 122.55
JUDITH MOUNTAIN RCO 122.2
LAKESIDE RCO 122.5
LEWISTOWN RCO 122.35
LIVINGSTON RCO 122.2
MILES CITY RCO 122.2
MILLER PEAK RCO 122.45
SIDNEY RCO 123.65
TOWER HILL RCO 122.3
WOLF POINT RCO 122.45
YELLOWSTONE RCO **119.4**

Mc MINNVILLE AFSS

ASTORIA RCO 122.3
AUGSPURGER RCO 122.3
BEAVER MOUNTAIN RCO **122.4**
BURNS RCO 122.5
CAPE BLANCO RCO 122.4
ENTERPRISE RCO 122.5
EUGENE RCO **122.3**
KIMBERLY RCO 122.6
KLAMATH FALLS RCO 122.6
LA GRANDE RCO 122.5
LAKEVIEW RCO 122.3
MC MINNVILLE RCO 122.45
MEDFORD RCO 122.65
NEWBERG RCO 122.45
NEWPORT RCO 122.5
NORTH BEND RCO 122.4
ONTARIO RCO 122.3
PENDLETON RCO 122.2
PORTLAND RCO 122.6
REDMOND RCO 122.5
ROSEBURG RCO 122.55
SALEM RCO 122.6
SEXTON SUMMIT RCO 122.5
SUNRIVER RCO 122.3
WALLULA RCO 122.6

SEATTLE AFSS 122.5
BADGER MOUNTAIN RCO 122.3
BELLINGHAM RCO 122.15
BUCKHORN MTN RCO 122.2
ELLENSBURG RCO 122.2
EPHRATA RCO 122.2
HOQUIAM RCO 122.2
JUMP-OFF-JOE RCO 122.4
MOSES LAKE RCO 122.4
MT CONSTITUTION RCO 122.3
OCEAN SHORES RCO 122.4
OMAK RCO 122.2
PAINE RCO 122.55
PORT ANGELES RCO 122.6
PULLMAN RCO 122.6
SEATTLE RCO 122.5 123.65
SOUTHWEST WASHINGTON RCO 122.25 122.55
SPOKANE RCO 122.2 122.55 122.65
TATOOSH RCO 122.25
THE DALLES RCO 122.65
VANCOUVER RCO 122.35
WALLA WALLA RCO 122.3
WENATCHEE RCO 122.6
YAKIMA RCO 122.5

FLIGHT STANDARDS DISTRICT OFFICES (FSDO)

Below is a list of FSDO's in the area of coverage of this directory. These offices serve the aviation industry and the general public on matters relating to certification and operation of general aviation aircraft. Address letters to Manager, Flight Standards District Office—Federal Aviation Administration.

IDAHO

3295 Elder Street, Suite 350
Airport Plaza
Boise, ID 83705
Telephone: 208-334-1238

MONTANA

Helena Airport
2725 Skyway Drive
Helena, MT 59601
Telephone: 406-449-5270
1-800-457-9917

OREGON

Portland Flight Standards District Office
3180 NW 229th Avenue
Hillsboro, Oregon 97124
Telephone: 503-615-3200
FAX 503-615-3300

WASHINGTON

Seattle FSDO
1601 Lind Ave. S. W.
Renton, WA 98057
Telephone: 425-227-2813

Spokane FSDO
Felts Field
6133 E. Rutter Avenue
Spokane, WA 99212
Telephone: 509-532-2340

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC nav aids.
7. Intersection names are spelled out.
8. Navaid radial and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two nav aids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations "pressurized" and "unpressurized" for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. High Altitude Preferred IFR Routes are in effect during the following time periods unless otherwise noted.
Sun 1300–2259 local time.
Mon thru Fri 0701–2259 local time.
Sat 0701–1459 local time.
14. Use current SIDs and STARs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

Route		Effective Times (UTC)
Low altitude IFR traffic 13000 feet and below overflying the Portland, OR Area:		
Southbound/southwestbound.....	OLM V165 UBG.....	1400–0700
Northbound	UBG V165 OLM.....	1400–0700
Low Altitude IFR traffic 9000 feet and below overflying the Seattle, WA Area:		
Southbound/Southwestbound	V165	1400–0700
Northbound	V165	1400–0700
Eastbound	V004 SEA V002	1400–0700
Low Altitude IFR traffic 10000 to 15000 overflying the Seattle, WA Area:		
Southbound	V165 V495	1400–0700
Southbound	V023 V165 DIGGN V495	1400–0700
Eastbound	V004 SEA V2	1400–0700
Low Altitude IFR traffic 10000 to 15000 overflying the Seattle, WA Area landing in PDX area:		
Southbound	V165 V495 SEA HELNS–STAR	1400–0700
Southbound	V023 V165 DIGGN V495 SEA HELNS–STAR.....	1400–0700
Low Altitude IFR traffic from the North terminating at McMinnville, OR, Aurora State, OR, or Hillsboro, OR:		
Southbound	V165 UBG	1400–0700

PREFERRED IFR ROUTES

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

Terminals	Route	Effective Times (UTC)
From the Eugene, OR Area: (props and turboprops, 170 and below)		
Northbound	V481 CVO V495 UBG	1400-0700
Southbound	V448 OED	1400-0700

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
PORTLAND (PDX)		
Burbank (BUR)	J67 LIN J189 AVE FIM	1300-0600
Chicago O'Hare (ORD)	J16 MCW JVL-STAR	0000-2359
Detroit Metro-Wayne Co (DTW)	ODI J34 BAE MKG POLAR-STAR	
Houston (HOU)	(Turbojets) PNH MQP EUVR TEXNN-STAR	
Houston (IAH)	PNH MQP RIICE-STAR	
Long Beach (LGB)	J67 LIN J189 AVE FIM	1300-0600
Los Angeles (LAX)	J67 LIN J189 AVE FIM	1300-0600
Ontario (ONT)	J67 LKV J5 EHF PMD	1300-0600
Santa Ana (SNA)	J67 LIN J189 AVE FIM	1300-0600
SEATTLE BOEING FLD (BFI)		
Burbank (BUR)	SEA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Long Beach (LGB)	SEA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Los Angeles (LAX)	SEA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Ontario (ONT)	SEA J5 EHF ZIGGY-STAR	1300-0600
Santa Ana (SNA)	SEA J5 LKV J67 LIN J189 AVE FIM	1300-0600
SEATTLE/TACOMA (SEA)		
Anchorage (ANC)	(RNAV only) SQUIM AKWAY AKHOG LAIRE AKZOO JOH	
Burbank (BUR)	SUMMA-DP SUMMA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Cleveland Metro Area (CLE) (CGF) (BKL) (LNN) (LPR)	BAE J34 GRR HIMEZ-STAR	
Detroit Metro-Wayne Co. (DTW)	J90 HLN J34 BAE MKG POLAR-STAR	
Houston (HOU)	(Turbojets) PNH MQP EUVR TEXNN-STAR	
Houston (IAH)	PNH MQP RIICE-STAR	
Kennedy (JFK)	J90 HLN J34 ODI J30 J90 OBK J584 CRL J554 JHW J70 LVZ LENDY-STAR	
Long Beach (LGB)	SUMMA-DP SUMMA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Los Angeles (LAX)	SUMMA-DP SUMMA J5 LKV J67 LIN J189 AVE FIM	1300-0600
Newark (EWR)	J90 ABR J70 GEP DLL J34 CRL J584 SLT FQM-STAR	
Ontario (ONT)	SUMMA-DP SUMMA J5 EHF PMD	1300-0600
Santa Ana (SNA)	SUMMA-DP SUMMA J5 LKV J67 LIN J189 AVE FIM	1300-0600
SPOKANE (GEG)		
Chicago O'Hare (ORD)	(FL240 and above, Turbojets) to join DPR J16 MCW JVL-STAR	0000-2359

Q-ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico. Gulf of Mexico Q routes are explained in the Southeast and South Central A/FD volumes. Q routes listed in this A/FD volume have at least part of one of their leg segments within this volume's area of coverage.

GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note "GNSS REQUIRED".

Route	Segment	DME
Q1	ELMAA-ERAVE	BTG, OLM, HQM, HUH, UBG
	ERAVE-EASON	BTG, OLM, HQM, HUH, LTJ, CVO, DSD, OED, UBG, ONP, EUG
	EASON-EBINY	CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT
	EBINY-ENVIE	CVO, OED, EUG, LMT, RBL, ENI, ONP, FJS
	ENVIE-ETCHY	OED, PYE, OAK, LIN, ECA, LMT, RBL, ENI, SAC, FJS
Q2	ETCHY-POINT REYES	LIN, ECA, RBL, ENI, SAC, OAK
	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI-HOBOL	BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS
	HOBOL-ITUCO	TFD, GBN, BLH, PXR, TUS, CIE, SSO
Q3	ITUCO-NEWMAN	EWM, TFD, PXR, CIE, SSO, TUS, TCS
	FEPOT-FAMUK	OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG
	FAMUK-FRFLY	BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT
	FRFLY-FINER	OED, EUG, RBL, LMT, ENI, CVO, FJS
Q4	FINER-FOWND	OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS
	FOWND-POINT REYES	LIN, ECA, PYE, RBL, SAC, ENI
	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI-SCOLE	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SCOLE-SPTFR	EED, BLH, BZA, GBN, TRM, IPL, TFD
Q5	SPTFR-ZEBOL	EED, IPL, BZA, GBN, TFD, PXR, BLH
	ZEBOL-SKTTT	PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS
	SKTTT-EL PASO	EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME
	HAROB-HISKU	OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH
	HISKU-HARPR	ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV
Q7	HARPR-HOMEG	CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV
	HOMEG-HUPTU	SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS
	HUPTU-STIKM	OAK, ECA, PYE, LIN, SAC, ENI, RBL
	JINMO-JOGEN	CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA
Q9	JOGEN-JUNEJ	LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG
	JUNEJ-JAGWA	RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS
	JAGWA-AVENAL	OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ
	SUMMA-SMIGE	OLM, UBG, SEA, YKM, BTG, ONP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH
Q11	SMIGE-SUNBE	IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG
	SUNBE-REBRG	RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR
	REBRG-DERBB	CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA
	PAAGE-PAWLI	EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA
Q13	PAWLI-PITVE	EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO
	PITVE-PUSHH	FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ
	PUSHH-LOS ANGELES	SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS
	All segments	None; GNSS required
Q15	All segments	None; GNSS required
Q19	PLESS-NASHVILLE	ENL, GQO, PXV, BNA, IUI, FAM, BWG, CSX
Q20	CORONA-HONDS	CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME
	HONDS-UNNOS	CNX, INK, CME, TXO, TCC
	UNNOS-FUSCO	FST, ACH, INK, CME, SJT, TXO, TCC
	FUSCO-JUNCTION	ABI, CWK, CSI, INK, LZZ, JCT, SJT, STV, FST
Q21	JONEZ-RAZORBACK	BYP, EOS, TUL, TXK, ADM, RZC, OKM
Q22	GUSTI-OYSTY	AEX, DAS, MCB, LLA, BTR, LCH, HRV, LFT, LEV
	OYSTY-ACMES	RQR, GCV, MCB, BTR, PCU, GPT, HRV, LEV, SJJ
	ACMES-CATLN	SJJ, MGM, MCB, BFM, GPT, GCV, HRV, CEW, MVC, PCU, MEI
Q23	FORT SMITH-RAZORBACK	OKM, RZC, EOS, TUL

Route	Segment	DME
Q24	LAKE CHARLES-BATON ROUGE BATON ROUGE-IRUBE IRUBE-PAYTN	AEX, DAS, LCH, MCB, LFT, BTR AEX, LEV, MCB, LCH, RQR, HRV, BTR, GCV, MCB, PCU, SJI, LBY GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI
Q25	MEEOW-WALNUT RIDGE WALNUT RIDGE-WLSUN WLSUN-POCKET CITY	ELD, MEM, LIT, FAM, RZC MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH BWG, PXV, ENL, BNA, TTH
Q26	WALNUT RIDGE-DEVAC	LIT, JKS, GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG
Q27	FORT SMITH-ZALDA	OKM, SGF, RZC, EOS, TUL
Q28	GRAZN-PYRMD PYRMD-HAKAT HAKAT-ESTEE	EIC, LIT, ELD, OKM, TXK ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK ARG, LIT, FAM, SGF, MEM
Q29	ESTEE-POCKET CITY HARES-MEMPHIS MEMPHIS-SIDAE SIDAE-POCKET CITY	ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA MEM, ARG, LIT, JAN, ELD, SQS MEM, PXV, BNA, BWG, ARG, ENL PXV, TTH, BWG, ENL
Q30	SIDON-VULCAN	GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG
Q31	DHART-JODOX JODOX-MARVELL MARVELL-TIIDE TIIDE-POCKET CITY	SQS, LIT, TXK SQS, LIT, ELD, MEM, ARG ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH BWG, PXV, ENL, TTH
Q32	EL DORADO-GAGLE GAGLE-CRAMM CRAMM-NASHVILLE NASHVILLE-SWAPP	AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK JAN, SQS, MEM, ARG, VUZ, BNA, LIT BWG, MEM, VUZ, BNA, GQO BWG, IIU, PXV, VXV, BNA, GQO
Q33	DHART-LITTLE ROCK	AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS
Q34	LITTLE ROCK-PROWL TEXARKANA-MATIE MATIE-MEMPHIS MEMPHIS-SWAPP	ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL LIT, SWB, TXK, BYP, EIC, ELD, SQS LIT, ARG, MEM, ELD, SQS BWG, ARG, MEM, MKL, SQS, PXV, BNA, GQO, IIU, VXV
Q35	KIMBERLY-NEERO NEERO-WINEN WINEN-CORKR CORKR-DRAKE	LTJ, PDT, DSD, IMB, LKV, BOI, REO, BAM, SDO BQU, SDO, BAM, REO, BVL, ILC, DTA, ELY, CDC, MLF, BCE CDC, BCE, BLD, ILC, MLF, TBC, PGS, INW, DRK TBC, BCE, BLD, DRK, PGS, FLG, GCN, INW, TFD
Q36	RAZORBACK-TWITS TWITS-DEPEC DEPEC-NASHVILLE NASHVILLE-SWAPP	RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU GQO, BWG, BNA, PXV, IIU VXV, BWG, BNA, GQO, PXV, IIU
Q38	ROKIT-INCIN INCIN-LAREY LAREY-BESOM	DAS, LCH, SWB, IAH, LFK, HUB, AEX JAN, MCB, SWB, AEX JAN, JYU, MEI, SQS, VUZ
Q40	ALEXANDRIA-DOOMS DOOMS-WINAP WINAP-MISLE	AEX, SWB, LCH, JAN, HEZ, MCB JAN, SQS, MEI, MCB MEI, VUZ, JYU
Q42	KIRKSVILLE-STRUK STRUK-DANVILLE DANVILLE-MUNCIE MUNCIE-HIDON	CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC AIR, APE, HNN, CXR, HVQ, EWC, DJB AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT EMI, SLT, CSN, EWC, PSB, ETG, SAX, RBV, HNK, HUO, SIE ETG, EMI, CSN, HUO, SIE, JFK, PSB, SLT, HNK JFK, EMI, PSB, SLT, HNK, SIE, RBV, SAX, HUO, CYN HUO, RBV, EMI, CYN, SAX, JFK, PSB, HNK
Q104	DEFUN-HEVVN HEVVN-PLYER PLYER-SWABE SWABE-ST PETERSBURG ST PETERSBURG-CYPRESS	PIE, PZD, CRG, SZW, TAY, JYU, CEW, MGM, OTK, CRG PIE, ORL, OMN, SRQ, TAY, LAL, CRG, SZW, PZD PIE, ORL, OMN, SRQ, TAY LAL, ORL, OMN, SRQ, PHK, PIE PHK, PBI, SRQ, PIE, VRB, ORL, FLL, LAL, OMN

Route	Segment	DME
Q106	SMELZ-BULZI	LAL, ORL, OMN, PHK, PIE, CRG, VRB, TAY, OTK, PZD, AMG, SZW
	BULZI-DRABK	AMG, PZD, TAY, CRG, SZW, MGM, OTK, JYU, CEW, SJI
	DRABK-GADAY	MGM, PZD, OTK, JYU, SZW, CEW, SJI
Q108	GADAY-CLAWZ	MGM, SJI, CEW, JYU, PZD, OTK, MCN, SZW, LGC, TAY, AMG
Q110	THNDR-JAYMC	SRQ, VRB, PHK, PIE, LAL, VKZ, ORL, PBI
	JAYMC-RVERO	VKZ, VRB, PHK, PIE, LAL, SRQ, ORL, OMN, PBI, DHP
	RVERO-KPASA	OMN, PIE, PBI, SRQ, ORL, LAL
	KPASA-BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS-GULFR	OMN, AMG, CRG, SZW, PIE, TAY, PZD, OTK
Q112	GULFR-FEONA	TAY, MCN, PZD, CRG, OTK, SZW, AMG, MCN, ATL, MGM
	DEFUN-HEVVN	PIE, OTK, CRG, OMN, LAL, SZW, SRQ, ORL, VRB
	HEVVN-INPIN	JYU, PZD, CEW, SZW, MGM, OTK, TAY, AMG, PIE, CRG
Q116	KPASA-BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS-GULFR	OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK
	GULFR-CEEYA	MCN, AMG, PZD, OTK, SZW, TAY
Q118	KPASA-BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS-LENIE	OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK, MCN
Q501	VIXIS-GOPHER	ECK, FNT, APN, SSM, GRR, MBL, SAW, BAE, MNM, DLL, AUW, ODI, STE, FGT, EAU,
		DLH, GEP, BRD, MCW, MSP, ASP, TVC, GRB, RWF
Q502	GOPHER-SOBME	FGT, BRD, MCW, GEP, ABR, FAR, DLH, ODI, RWF, FSD
	KENPA-GOPHER	SSM, FNT, ECK, APN, SAW, GRB, BAE, DLL, AUW, ODI, FGT, DLH, EAU, MCW,
Q504		MSP, MNM, ASP, TVC, GEP, RWF, BRD
	GOPHER-SOBME	FGT, DLH, ODI, MCW, ABR, FAR, MSP, GEP, RWF, FSD, BRD
	NOTAP-CESNA	SSM, ECK, APN, GLR, PLN, ISQ, MNM, DLL, RHI, DLH, GEP, FGT, ODI, ASP, TVC,
Q505		SAW, GRB, BRD
	CESNA-HEMDI	ODI, GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, DLL, BRD
	OMAGA-RIMBE	SSM, TVC, ASP, SAW, GRB
	RIMBE-CESNA	SSM, RHI, DLL, DLH, GEP, FGT, TVC, SAW, GRB, BRD, ODI
	CESNA-HEMDI	GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, BRD, ODI, GRB

I

RNAV Routing Pitch and Catch Points

The purpose of this section of the Special High Altitude Routes is to present user routing options for flight within the initial HAR Phase I expansion airspace. Users are able to fly user-preferred routes, referred to as non-restrictive routing (NRR), between specific fixes described by **pitch** (entry into) and **catch** (exit out of) fixes in the HAR airspace. Pitch points indicate an end of departure procedures, preferred IFR routings, or other established routing programs where a flight can begin a segment of NRR. The catch point indicates where a flight ends a segment of NRR and joins published arrival procedures, preferred IFR routing, or other established routing programs.

The HAR Phase I expansion airspace is defined as that airspace at and above FL 350 in fourteen of the western and southern Air Route Traffic Control Centers (ARTCCs). The airspace includes Minneapolis (ZMP), Chicago (ZAU), Kansas City (ZKC), Denver (ZDV), Salt Lake City (ZLC), Oakland (ZOA), Seattle Centers (ZSE), Los Angeles (ZLA), Albuquerque (ZAB), Fort Worth (ZFW), Memphis (ZME), and Houston (ZHU). Jacksonville (ZJX) and Miami (ZMA) are included for east-west routes only.

To develop a flight plan, select pitch and catch points based upon your desired route across the Phase I airspace. Filing requirements to pitch points, and from catch points, remain unchanged from current procedures. For the portion of the route between the pitch and catch points, non-restrictive routing is permitted.

Where pitch points for a specific airport are not identified, aircraft should file an appropriate departure procedure (DP), or any other user preferred routing prior to the NRR portion of their routing. Where catch points for a specific airport are not identified aircraft should file, after the NRR portion of their routing, an appropriate arrival procedure or other user preferred routing to their destination.

Additionally, information concerning the location and schedule of Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) can be found on the Web Site: <http://sua.faa.gov/sua/Welcome.do>. ATCAA refers to airspace in the high altitude structure supporting military and other special operations. Users are encouraged to file around these areas when they are scheduled to be active, thereby avoiding unplanned reroutes around them.

In conjunction with the HAR program RNAV routes have been established to provide for a systematic flow of air traffic in specific portions of the enroute flight environment. The designator for these RNAV routes begin with the letter Q, for example, Q-501. Where those routes aid in the efficient orderly management of air traffic they will be published as preferred IFR routes.

HAR Special High Altitude Pitch (entry) Points for Nonrestrictive Routing for Airports Located Outside HAR Phase I Expansion Airspace

Westbound traffic originating outside of HAR airspace entering ZMP, ZAU, ZKC and ZME can begin non-restrictive routing over any of the following pitch points (listed from north to south):

DLH, CESNA, GEP, BAE, MKG, GRR, PMM, GSH, CADIZ, FWA, VHP, FLM, IIU, PXV, SGF, RZC, BNA, SALMS, VUZ, BOYDD, MIE.

Traffic originating outside of HAR airspace may also begin Nonrestrictive Routing upon crossing the pitch line depicted on the associated graphic.

HAR Special High Altitude Pitch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists pitch points for airports within the HAR Phase I expansion airspace.

Albuquerque	ABQ, GUP, HANOS or ZUN
Austin	ABI, FUZ, JCT, MQP, NAVYS, SJT or TNV
Boca Raton, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Burbank includes Santa Monica and Van Nuys	GMN, MARKS or DAG LAS or HEC EED or PMD BLH
Chicago Terminal Area	IOW, PLL275065, MZV or BAE
Dallas/Fort Worth Terminal Area	ABI, LBB, GTH, CDS, MRMAC, IRW, TUL, MLC, TXK ELD, SWB or Aircraft destined the Chicago terminal area Except MDW EAKER MIDEE BDF BRADFORD-STAR Or MLC J105 SGF BDF BRADFORD-STAR
Denver Terminal Area	PUB, DVC, DBL, RLG, EKR, LAR, MBW, CYS, BFF, HANKI, NATTI, ASHBY, BELKE, CABET, WEEDS, OR BINKE
Fort Lauderdale (or) Fort Lauderdale Executive	THNDR KPASA Q118 LENIE or THNDR KPASA Q116 CEEYA or THNDR KPASA Q110 FEONA or THNDR SMELZ Q106 GADAY or THNDR SMELZ Q106 BULZI
Houston Bush	LIT, EMG, MLC, JCT or Aircraft destined Atlanta Terminal Area LCH Q24 PAYTN HONIE-RNAV STAR or Aircraft joining J37 to the northeast, BPT GUSTI Q22 CATLN or Aircraft joining J42 to the northeast, ELD Q32 J42

Houston Hobby	LIT, EMG, MLC, JCT, or Aircraft joining J42 to the northeast, ELD Q32 J42
Jacksonville, FL	TAY
Kansas City Terminal Area	TIFTO, CATTs or KENTN
Los Angeles, includes Ontario	GMN, RZS or DAG LAS or TRM EED or TRM PKE
Las Vegas	DOBNE, MOSBI, NICLE, TRALR or ZELOT
Long Beach includes Orange County	GMN SNS, EHF, LANDO or TRM PKE or TRM EED
Memphis	BNA, HAAWK, SALMS or SQS
Miami Terminal Area	WINCO KPASA Q118 LENIE or WINCO KPASA Q116 CEEYA or WINCO KPASA Q110 FEONA or WINCO SMELZ Q106 GADAY or WINCO SMELZ Q106 BULZI
Milwaukee	GREAS
Minneapolis Terminal Area*	ONL, ABR, FAR, OBH, OVR, FOD
New Orleans Terminal Area	AEX, MEI, SQS, KAPLN
Orlando Terminal Area	WEBBS BRUTS Q118 LENIE or WEBBS GULFR Q116 CEEYA or WEBBS BULZI Q106 GADAY or WEBBS FEONA or WEBBS BULZI
Palm Beach, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Palm Springs	TRM JOTNU BLD or TRM EED or TRM PKE
Phoenix	CHILY, CIE, CULTS, RSK, DOVEE, GCN, MESSI, SJN, DRYHT or MOHAK
Portland, OR	PDT, TIMEE

Salt Lake City	HVE, DTA, MLF, BCE, OAL, MTU, BVL, OCS, TWF, DBS, BPI or TCH J56 CHE or TCH J173 EKR
Saint Louis	VIH, MAP, MYERZ, MCM or HLV MCI
San Antonio Terminal Area	FUZ, SJT, MQP, ABI or Aircraft North of LFK, LFK or Aircraft South of HUB, ELA or Aircraft South of LFK and North of HUB LCH
San Diego	TRM EED or TRM PKE or TRM JOTNU BLD
San Francisco Bay Area	GALLI, INSLO, HAROL JSICA
Oakland	GALLI, INSLO, HAROL JSICA
San Jose	GALLI or INSLO
Seattle	BLUIT
Southwest Florida Airports (RSW/FMY)	JOCKS KPASA Q118 LENIE or JOCKS KPASA Q116 CEEYA or JOCKS KPASA Q110 FEONA or JOCKS SMELZ Q106 GADAY or JOCKS SMELZ Q106 BULZI
Tampa Terminal Area	FEONA, BULZI or BRUTS Q118 LENIE or GULFR Q116 CEEYA or BULZI Q106 GADAY

*MSP area departures with destinations east of 93 degrees west longitude via preferred IFR routing.

Catch Points for Airports Located Outside HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to specific destinations which are outside the HAR Phase I airspace.

Atlanta Terminal Area	Aircraft through ZME airspace from ZKC airspace east of FAM, Pless Q19 BNA or Aircraft through ZME airspace from ZKC airspace west of FAM, ARG Q26 DEVAC or MEM or Aircraft through ZME airspace from ZID airspace west of a line from VHP to BWG, BNA or Aircraft through ZME airspace from ZID airspace east of a line from VHP to BWG, BWG or Aircraft through ZME airspace from ZFW airspace, MEM or MEI HONIE (RNAV)–STAR or PATYN HONIE (RNAV)–STAR
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Baltimore–Washington*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA or VUZ
Boston*	GEP, CRL, ECK, IIU, BNA or VUZ
Buffalo*	GEP, CRL
Hartford Bradley*	GEP, CRL
Canton–Akron*	GIJ, VHP, GEP
Charlotte	BNA, VUZ
Cincinnati Terminal Area	BNA, PXV or Aircraft north of SLC, JOT or Aircraft over or south of SLC, ENL or SLC or SFO departures, ENL, JOT
Cleveland Terminal Area*	OBK
Detroit Terminal Area	BAE MKG POLAR–STAR or VHP FWA MIZAR–STAR
Detroit Young	VHP FWA or LAN SPRTN–STAR
Indianapolis Terminal Area	BIB, SPI, JOT
Louisville	ENL, MEM
Newark*	GEP, VHP, FLM, IIU, BNA, VUZ or IOW GIJ J554 CRL J584 SLT FQM
New York Kennedy*	GEP, VHP, FLM, IIU, BNA, VUZ or DBQ J94 PMM J70 LVZ LENDY–STAR
New York LaGuardia*	GIJ, GEP, VHP, BAE, FLM, IIU, BNA, VUZ
Philadelphia Terminal Area*	GIJ, GEP, VHP, BAE, WHETT, BNA, VUZ
Pittsburgh Terminal Area*	VHP, GIJ, BAE, GEP
Pontiac	LFD, LAN, VHP, FWA, GEP
Providence	JHW, HEMDI, CESNA, GEP, GRB, TVC, ASP, VHP, IIU, BNA, VUZ
Raleigh–Durham	FLM, IIU, BNA, VUZ
Toronto Terminal Area	ECK, SVM, SSM, GEP
Teterboro*	GEP, VHP, CRL, BNA, VUZ
Washington Dulles/National*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA, VUZ
White Plains*	GEP, VHP, CRL, FLM, IIU, BNA, VUZ
Willow Run*	LAN, LFD, VHP, FWA, GEP

*Eastbound aircraft over flying ZMP center airspace entering Toronto center airspace, file direct SSM or via J63, J522, Q505, Q504, Q502, Q501

or

Entering ZAU or ZOB airspace from north of DPR J16 MCW, GEP

or

Entering ZAU or ZOB airspace from or south of DPR J16 MCW, CRL.

Catch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to airports which are below HAR Phase I airspace.

Albuquerque Terminal Area	CURLY CURLY-STAR or ESPAN FRIHO-STAR or LAVAN LAVAN-STAR or FTI FRIHO-STAR or MIERA MIERA-STAR
Austin Terminal Area	Aircraft west of a north-south line at LFK, BLEWE or Aircraft east of a north-south line at LFK, IDU or LLO
Boca Raton, FL	CEW DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or SZW INPIN SHDAY (RNAV)-STAR
Chicago Midway	CVA MOTIF-STAR or PIA MOTIF-STAR or DBQ CVA MOTIF-STAR or LMN MOTIF-STAR
Chicago O'Hare Terminal Area	GEP DLL MSN JVL JANESVILLE-STAR or TVC PULLMAN-STAR or FOD DBQ JVL JANESVILLE-STAR or MCW JANESVILLE-STAR or GCK IRK BRADFORD-STAR
Dallas/Fort Worth Terminal Area	IRW, LOSZY, FSM, LIT, SQS, MLU, AEX, JUMBO, TQA, TURKI, HEATR Aircraft through ZME airspace from north and west of PXV, RZC, Q23 FSM or Aircraft through ZME airspace from east of PXV, PXV Q25 MEEOW or Aircraft through ZME airspace from J6 down to, but not including J52, LIT, SQS or Aircraft through ZME airspace from J52 and south of J52, SQS

Denver Terminal Area	OATHE DANDD-STAR
	or
	HGO QUAIL-STAR
	or
	LOPEC-STAR
	or
	ALS LARKS-STAR
	or
	HBU POWDR-STAR
	or
	EKR TOMSN-STAR
	or
	CHE TOMSN-STAR
	or
	BFF LANDR-STAR
	or
	LBF SAYGE-STAR
	or
	HCT SAYGE-STAR
	or
	RSK LARKS-STAR
	or
	LAA QUAIL-STAR
	or
	GCK J154 RYLIE DANDD-STAR
	or
	OCS J154 ALPOE RAMMS-STAR
	or
	YANKI J114 SNY LANDR-STAR
	or
	Aircraft filed BIL or east, MBW RAMMS-STAR
Ft Lauderdale or Ft Lauderdale Executive	CEW DEFUN Q104 PIE SWAGS (RNAV)-STAR
	Aircraft through ZHU airspace remain south ZME and ZTL airspace
	or
	SZW HEVVN Q104 PIE SWAGS (RNAV)-STAR
Houston Bush	CRP, CVE, LLO, LUKIY, SAT
	or
	Aircraft south and east of LLA, LLA
	or
	MISLE Q40 AEX
	or
	Aircraft north and east of SJI, SJI
	or
Houston Hobby	Aircraft east of PXV, PXV Q31 DHART SWB
	or
	Aircraft north and west of PXV, PROWL Q33 DHART SWB
	CRP, ELLVR, SAT, SWB
	or
	Aircraft south and east of GIRLY, GIRLY
	or
	Aircraft north and east of SJI, SJI
Jacksonville	or
	BESOM Q38 ROKIT ROKIT-STAR
	or
	Aircraft east of PXV, PXV Q29 HARES SWB
	or
	Aircraft north and west of PXV, PROWL Q33 DHART SWB
	GADAY ZOOSS TAY
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
	ZOOSS TAY

John Wayne–Orange County	HEC, PGS, BLD or Aircraft south of TBC from ZAB airspace, HIPPI
Kansas City Terminal Area	LMN BRAYMER–STAR or PWE ROBINSON–STAR or EMP JHAWK–STAR
Las Vegas	DILCO, LIDAT, IGM or Aircraft over PGA or north of PGA KSINO or Aircraft south of PGA PGS LYNSY
Los Angeles Terminal Area	Aircraft North of TBC, HEC, PGS or Aircraft South of TBC from ZAB airspace, HIPPI, MESSI
Miami Terminal Area	CEW DEFUN Q104 CYY DEEDS (RNAV)–STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVNV Q104 CYY DEEDS (RNAV)–STAR
Minneapolis Terminal Area	Aircraft from north, west, south, FAR GOPHER–STAR or RWF SKETR–STAR or ALO KASPR–STAR or BRD GOPHER–STAR or BAE EAU CLAIRE–STAR or FOD TWOLF–STAR
Memphis Terminal Area	ARG, BWG, FSM, PXV, LIT, RZC, SQS, VUZ, BNA, GQO, ELD
Naples, FL	CEW DEFUN Q104 PLYER PIKKR (RNAV)–STAR Aircraft through ZHU AIRSPACE remain south of ZME and ZTL airspace or SZW HEVNV Q104 PLYER PIKKR (RNAV)–STAR
Nashville	CCT, GHM, GUITR, TINGS, VOLLS
New Orleans Terminal Area	BLUEZ, GPT, LCH, MCB, TBD, FATSO
Oakland	ILA or KATTS PAMMY or Aircraft over or south of a line ILC J16 DVC REANA KATTS PAMMY or Aircraft from north of ILC, JOPER PAMMY or KATTS PAMMY or Aircraft over or south of ILC, REANA KATTS PAMMY
Orlando Terminal Area	GADAY Q108 CLAWZ LEESE–STAR Aircraft through ZHU airspace remain south of ZME/ZTL airspace or OTK LEESE–STAR

Palm Beach, FL	CEW DEFUN Q112 INPIN GULLO (RNAV)–STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW INPIN GULLO (RNAV)–STAR
Phoenix	CORKR DRK or Aircraft from ZDV airspace, GUP or Aircraft from ZAB airspace, ZUN, MOHAK, SSO or VYLLA TUS
Phoenix Satellites	FLG, SSO, MOHAK or VYLLA, TUS
Portland, OR Terminal Area	ARNIT BONVL–STAR or LARNO BONVL–STAR or MOXEE MOXEE–STAR
St. Louis Terminal Area	SGF TRAKE–STAR or BUM TRAKE–STAR or ANX TRAKE–STAR or LMN IRK RIVRS–STAR or RBS VANDALIA–STAR
Salt Lake City Terminal Area	JNC J12 HELPR SPANE–STAR or EKR MTU SPANE–STAR or BCE DTA–TCH or MLF DTA–TCH or BVL BONNEVILLE–STAR or BYI BEARR–STAR or PIH BEARR–STAR or DBS BRIGHAM CITY–STAR or JAC BRIGHAM CITY–STAR or BPI BRIGHAM CITY–STAR or OCS BRIGHAM CITY–STAR
San Diego Terminal Area	EED, LAX, GBN
Santa Ana	HEC, PGS, BLD, HIPPI
San Antonio Terminal Area	IDU, CSI, JCT, LLO, CRP, LRD or West of a north–south line at LFK, BLEWE or East of a north–south line at LFK, IDU

San Francisco	FMG GOLDEN GATE–STAR
	or
	MVA MODESTO–STAR
	or
	ENI GOLDEN GATE–STAR
	or
	OAL MODESTO–STAR
San Jose	or
	South of a line ILC to DVC, REANA KATTS OAL MODESTO–STAR
	FMG HYP EL NIDO–STAR
	or
	OAL HYP EL NIDO–STAR
	or
	ENI GOLDEN GATE–STAR
Seattle Terminal Area	or
	South of a line ILC to DVC, REANA KATTS KICHI CANDA EL NIDO–STAR
	Aircraft From northeast, southeast, south, TEMPL GLASR–STAR
	or
	SUNED CHINS–STAR
	or
	BTG OLMYPIA–STAR
Southwest Florida Airports RSW and FMY	CEW DEFUN Q104 SWABE JOSFF–STAR
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
	SZW HEVVN Q104 SWABE JOSFF–STAR
Tampa Terminal Area	CEW DEFUN Q104 HEVVN DARBS–STAR
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
	SZW DARBS–STAR
Tucson	DRK PXR
	or
	MOHAK GBN

VISUAL FLIGHT RULES (VFR) WAYPOINTS

VFR Waypoint names consist of five letters beginning with "VP". Stand-alone VFR Waypoints are portrayed on VFR Charts using the same four-point star symbol currently used for Instrument Flight Rules (IFR) Waypoints.

VFR Waypoints collocated with Visual Checkpoints (Visual Reporting Points) are portrayed with a Visual Check Point flag. The VFR Waypoint name is shown in parentheses adjacent to the Visual Check Point name.

VFR Waypoint names are not intended to be pronounceable and shall not be used in ATC communications.

CAUTION: GPS accuracy necessitates extra vigilance for other aircraft when navigating near any fix retrieved from a GPS database.

BALTIMORE–WASHINGTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPAXI	_____	N38°34.57' / W076°20.38'
VPONX	_____	N39°06.65' / W076°55.92'
VPOOP	_____	N38°56.32' / W076°36.90'

BOSTON HELICOPTER CHART

VPBAY	_____	N42°16.17' / W070°49.48'
VPBLT	_____	N42°19.67' / W070°53.40'
VPCGS	_____	N42°22.08' / W071°03.13'
VPEVS	_____	N42°23.52' / W071°04.10'
VPFEN	_____	N42°12.58' / W071°08.88'
VPFRE	_____	N42°25.03' / W071°12.32'
VPGLV	_____	N42°21.88' / W070°52.18'
VPHAM	_____	N42°30.13' / W071°07.15'
VPPIK	_____	N42°20.37' / W071°15.93'
VPQUA	_____	N42°12.10' / W071°04.78'
VPQUB	_____	N42°12.60' / W070°59.83'
VPSPF	_____	N42°24.20' / W071°09.47'
VPTOB	_____	N42°31.42' / W070°59.82'
VPWAN	_____	N42°36.88' / W071°19.45'

BOSTON TERMINAL AREA CHART

VPCOH	Cohasset	N42°13.58' / W070°48.94'
VPCUT	Cuttyhunk Harbor	N41°25.50' / W070°55.03'
VPFRA	Framingham Shopping Center	N42°18.16' / W071°23.65'
VPHOL	Woods Hole	N41°31.06' / W070°40.60'
VPHUL	Hull	N42°18.20' / W070°55.30'
VPLPT	Nantucket Great Point	N41°23.41' / W070°02.78'
VPNED	Needham Towers	N42°18.51' / W071°14.64'
VPPEA	Peabody Shopping Center	N42°32.52' / W070°56.69'
VPROC	Rockingham Race Track	N42°46.29' / W071°13.57'
VPSCI	Scituate	N42°11.89' / W070°43.69'
VPTPT	Nantucket Third Point	N41°18.51' / W070°03.37'
VPTUC	Tuckernuck	N41°18.31' / W070°15.43'
VPWAK	Wakefield	N42°30.72' / W071°05.24'
VPWAN	Wang Towers	N42°36.88' / W071°19.45'

CHARLOTTE SECTIONAL CHART

VPATO	_____	N34°37.37' / W076°31.47'
VPAVA	_____	N34°57.00' / W077°16.50'
VPBFE	_____	N32°16.38' / W080°47.50'
VPBRA	_____	N36°13.75' / W076°08.08'
VPGCE	_____	N36°03.90' / W076°36.42'
VPGHI	_____	N35°15.30' / W075°31.25'
VPGIO	_____	N35°32.50' / W076°37.33'
VPKJU	_____	N35°26.58' / W076°10.22'
VPLMN	_____	N34°55.43' / W077°46.42'
VPMAB	_____	N34°42.20' / W077°03.50'
VPNPO	ISLE OF PALMS	N32°47.78' / W079°46.45'
VPOKY	_____	N35°06.53' / W075°59.17'
VPREP	_____	N32°33.98' / W080°21.82'
VPRRS	_____	N33°25.45' / W079°07.60'
VPUMO	_____	N35°35.63' / W075°28.08'
VPWZO	_____	N36°00.87' / W075°40.07'
VPZIE	_____	N32°01.62' / W080°53.42'

CHICAGO SECTIONAL CHART

WAYPOINT IDENT
VPCOHCOLLOCATED VFR CHECKPOINT
_____LOCATION
N31°49.35' / W081°51.07'

DENVER TERMINAL AREA CHART/FLYWAY CHART

VPBEN
VPFTG
VPNIC_____

NORTH INTERCHANGEN39°44.28' / W104°26.00'
N39°44.35' / W104°32.75'
N39°58.90' / W104°59.27'

HOUSTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT
VPBWY
VPDTN
VPGLA
VPGLB
VPKTY
VPPLN
VPRSN
VPSND
VPSNT
VPTNE
VPTNW
VPTRKCOLLOCATED VFR CHECKPOINT

_____LOCATION
N29°46.25' / W095°09.24'
N29°46.59' / W095°22.01'
N30°08.32' / W095°06.62'
N30°07.80' / W094°55.70'
N29°47.05' / W095°44.92'
N30°08.80' / W095°50.42'
N29°30.00' / W095°41.00'
N29°23.13' / W095°28.86'
N29°49.29' / W094°53.94'
N29°47.48' / W095°03.34'
N29°47.06' / W095°33.81'
N29°24.06' / W095°10.44'

JACKSONVILLE SECTIONAL CHART

VPAFI
VPAFY
VPBEC
VPCJA
VPCKY
VPCNY
VPDAD
VPDAR
VPDFI
VPDUT
VPEAR
VPEGV
VPPFU
VPGPE
VPHAA
VPHUC
VPIWA
VPJMY
VPKER
VPLEV
VPLJA
VPMIA
VPTLH
VPXZY
VPYIW
VPZIE_____

DADE CITY

CLEARWATER BEACH

ST PETE BEACH

MIDWAY

LAKE PARKER

_____N31°49.35' / W081°51.07'
N30°07.00' / W081°21.33'
N29°46.25' / W081°15.10'
N29°30.00' / W081°06.00'
N28°46.50' / W082°34.00'
N28°30.00' / W080°45.00'
N28°22.57' / W082°11.25'
N31°22.38' / W081°24.13'
N29°00.17' / W081°20.85'
N27°37.70' / W082°09.10'
N27°58.67' / W082°49.83'
N29°39.97' / W081°24.87'
N28°57.08' / W081°00.33'
N27°43.50' / W082°44.67'
N30°04.02' / W083°40.02'
N28°19.87' / W082°43.77'
N31°48.33' / W081°25.85'
N29°26.92' / W081°18.27'
N28°04.00' / W081°56.00'
N28°48.00' / W080°52.00'
N29°00.00' / W080°51.00'
N30°50.02' / W084°56.63'
N30°32.70' / W083°52.22'
N29°35.00' / W083°10.00'
N30°42.28' / W081°27.25'
N32°01.62' / W080°53.42'

KANSAS CITY SECTIONAL CHART

VPAGO
VPBEK
VPDEN
VPENE
VPESSE
VPFME
VPGXY
VPMBE
VPMKE
VPROV
VPUTT_____

_____N37°50.33' / W090°29.03'
N37°15.07' / W092°30.67'
N37°46.75' / W092°19.20'
N37°44.75' / W091°55.78'
N36°59.48' / W091°00.88'
N37°41.00' / W092°38.33'
N37°15.50' / W091°40.17'
N37°11.08' / W090°27.92'
N37°24.47' / W092°40.00'
N38°01.72' / W091°12.81'
N37°52.05' / W092°01.20'

KANSAS CITY TERMINAL AREA CHART

KLAMATH FALLS SECTIONAL CHART

LOS ANGELES HELICOPTER CHART

NW, 17 DEC 2009 to 11 FEB 2010

LOS ANGELES SECTIONAL CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCNG	CONEJO GRADE US HWY 101	N34°12.54'/W118°59.61'
VPCSU	CSU CHANNEL ISLANDS	N34°09.76'/W119°02.53'
VPFPL	OXNARD FINANCIAL PLAZA	N34°13.71'/W119°10.39'
VPSTC	SATICOY BRIDGE	N34°16.62'/W119°08.34'

LOS ANGELES TERMINAL AREA CHART/FLYWAY CHART

VPCNG	CONEJO GRADE US HWY 101	N34°12.54'/W118°59.61'
VPCSU	CSU CHANNEL ISLANDS	N34°09.76'/W119°02.53'
VPGTY	GETTY CENTER	N34°04.84'/W118°28.66'
VPLBP	BANNING PASS	N33°56.05'/W116°59.63'
VPLCC	CHAFFEY COLLEGE	N34°08.87'/W117°34.33'
VPLCP	CAJON PASS	N34°18.07'/W117°27.68'
VPLDL	DISNEYLAND	N33°48.72'/W117°55.13'
VPLDP	DANA POINT	N33°27.62'/W117°42.87'
VPLDS	DODGER STADIUM	N34°04.42'/W118°14.42'
VPLFX	91/605 INTERCHANGE	N33°52.38'/W118°06.08'
VPLGP	GRIFFITH PARK OBSERVATORY	N34°07.10'/W118°18.02'
VPLHF	110/405 FWYS	N33°51.42'/W118°17.10'
VPLHP	HUNTINGTON PIER	N33°39.32'/W118°00.25'
VPLKH	KING HARBOR	N33°50.75'/W118°23.88'
VPLLC	L.A. COLISEUM	N34°00.83'/W118°17.27'
VPLLM	LAKE MATHEWS	N33°50.58'/W117°26.85'
VPLMM	MAGIC MOUNTAIN	N34°26.20'/W118°36.28'
VPLMS	MILE SQUARE PARK	N33°43.40'/W117°56.77'
VPLPD	PRADO DAM	N33°53.40'/W117°38.48'
VPLPP	PACIFIC PALISADES	N34°02.13'/W118°32.15'
VPLQM	QUEEN MARY	N33°45.17'/W118°11.37'
VPLRB	ROSE BOWL	N34°09.67'/W118°10.05'
VPLRT	SANTA ANITA RACE TRACK	N34°08.45'/W118°02.65'
VPLSA	SANTA ANA CANYON	N33°52.03'/W117°42.68'
VPLSB	SANTA FE FLOOD BASIN	N34°07.72'/W117°57.30'
VPLSC	STATE COLLEGE	N33°52.97'/W117°53.13'
VPLSF	SAN FERNANDO RESERVOIR	N34°17.87'/W118°29.00'
VPLSP	SIGNAL PEAK	N33°36.33'/W117°48.63'
VPLSR	HAWTHORNE & 405 FREEWAY	N33°53.07'/W118°21.13'
VPLSS	SANTA SUSANA PASS	N34°16.00'/W118°38.43'
VPLTW	TUJUNGA WASH & FOOTHILL	N34°16.40'/W118°20.30'
VPLVT	VINCENT THOMAS BRIDGE	N33°44.97'/W118°16.32'
VPLWT	WATER TANK	N34°10.82'/W118°46.27'
VPNEW	NEWHALL PASS	N34°20.18'/W118°30.72'
VPSTC	SATICOY BRIDGE	N34°16.62'/W119°08.34'

MIAMI SECTIONAL CHART

VPACH	HOLLYWOOD BEACH	N26°00.92'/W080°06.93'
VPBOV	_____	N27°57.00'/W080°46.75'
VPCLC	_____	N26°27.07'/W082°00.88'
VPCTE	_____	N26°09.28'/W081°20.70'
VPDAD	DADE CITY	N28°22.57'/W082°11.25'
VPDUT	_____	N27°37.70'/W082°09.10'
VPDZE	_____	N27°19.00'/W080°44.17'
VPEAR	CLEARWATER BEACH	N27°58.67'/W082°49.83'
VPEDY	ANDYTOWN TOLLGATE	N26°08.78'/W080°28.00'
VPFAH	_____	N26°25.40'/W081°29.67'
VPGPE	ST PETE BEACH	N27°43.50'/W082°44.67'
VPHRO	_____	N27°05.97'/W082°12.20'
VPHUC	_____	N28°19.87'/W082°43.77'
VPIBR	_____	N27°12.47'/W081°40.22'
VPKER	LAKE PARKER	N28°04.00'/W081°56.00'
VPKOE	_____	N24°40.08'/W081°20.55'
VPLYY	_____	N24°49.07'/W080°49.17'
VPMB0	GULFSTREAM PARK	N25°58.57'/W080°08.17'
VPOBA	PUMPING STATION	N26°28.30'/W080°26.75'
VPRBI	_____	N25°50.67'/W080°55.18'
VPRNL	RANGER STATION	N25°22.92'/W080°36.58'
VPWMO	_____	N27°03.00'/W080°35.00'

MIAMI TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPACH	HOLLYWOOD BEACH	N26°00.92' / W080°06.93'
VPEDY	ANDYTOWN TOLLGATE	N26°08.78' / W080°28.00'
VPMB0	GULFSTREAM PARK	N25°58.57' / W080°08.17'
VPOBA	PUMPING STATION	N26°28.30' / W080°26.75'
VPRBI		N25°50.67' / W080°55.18'
VPRNL	RANGER STATION	N25°22.92' / W080°36.58'

NEW ORLEANS SECTIONAL CHART

VPGPT		N30°25.95' / W089°05.62'
VPLIP	PHILLIPS INLET	N30°16.23' / W085°59.25'
VPMAI		N30°50.02' / W084°56.63'
VPMOB		N30°23.00' / W088°31.72'
VPRAM		N30°18.95' / W089°35.88'
VPRER		N30°13.87' / W085°20.67'
VPRIV		N30°54.85' / W087°57.82'
VPSAW		N30°49.65' / W089°07.42'
VPTHR		N30°19.93' / W087°08.50'

NEW YORK HELICOPTER CHART

VPJAY		N40°59.00' / W073°07.00'
VPLYD		N40°57.37' / W073°29.59'
VPROK		N40°52.70' / W073°44.24'

PHOENIX TERMINAL AREA CHART/FLYWAY CHART

VPALL	ALLENVILLE	N33°20.97' / W112°35.20'
VPAQU	AQUEDUCT PUMPING STATION	N33°40.05' / W112°41.38'
VPARM	ARROWHEAD MALL	N33°38.52' / W112°13.48'
VPAWG	AHWATUKEE GOLF COURSE	N33°19.98' / W111°59.08'
VPAZM	ARIZONA MILLS	N33°23.43' / W111°57.88'
VPBAR	BARTLETT DAM	N33°49.10' / W111°37.92'
VPCCC	COUNTRY CLUB & CANAL	N33°30.73' / W111°50.37'
VPCNL	CANAL	N33°33.23' / W111°46.89°
VPFRB	FIREBIRD LAKE	N33°16.35' / W111°58.10'
VPFTN	FOUNTAIN HILLS	N33°36.12' / W111°42.72'
VPGLX	GILA CROSSING	N33°16.55' / W112°10.08'
VGPFP	GLENDALE POWER PLANT	N33°33.27' / W112°13.00'
VPMAR	MARICOPA	N33°03.42' / W112°02.88'
VPMHS	MESQUITE HIGH SCHOOL	N33°20.53' / W111°49.58'
VPNRV	NEW RIVER	N33°55.08' / W112°08.45'
VPNTT	NORTH TEST TRACK	N33°03.50' / W111°55.83'
VPPIR	PIR	N33°22.52' / W112°18.90'
VPQTR	QUINTERO GOLF COURSE	N33°49.53' / W112°23.58'
VPRVC	RIO VERDE COMMUNITY	N33°44.37' / W111°39.62'
VPSMC	SOUTH MOUNTAIN COLLEGE	N33°23.02' / W112°02.12'
VPSQP	SQUAW PEAK	N33°32.83' / W112°01.27'
VPSSS	SUPERSTITION SPRINGS MALL	N33°23.50' / W111°41.37'
VPSTN	SANTAN MOUNTAINS	N33°09.23' / W111°40.92'
VPSTT	SOUTH TEST TRACK	N32°56.25' / W111°59.67'
VPZZZ		N33°20.18' / W111°26.53'

ST LOUIS TERMINAL AREA CHART/FLYWAY CHART

VPAGN	TV ANTENNA	N38°32.08' / W090°22.42'
VPBPE		N38°23.80' / W090°20.38'
VPCJY	HOLIDAY SHORES	N38°55.00' / W089°56.00'
VPCOJ	WINFIELD DAM	N39°00.28' / W090°41.23'
VPDFA	JEFFERSON BARRACKS BRIDGE	N38°29.18' / W090°16.47'
VPEAZ	BUSCH STADIUM	N38°37.43' / W090°11.55'
VPEDZ	WATER TANKS	N38°45.30' / W090°34.87'
VPEGR	GAS TANKS	N38°35.80' / W090°19.32'
VPEOX	ST PETERS	N38°47.17' / W090°39.25'

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPFAI	HOWELL ISLAND	N38°40.00'/W090°43.00'
VPFFY	_____	N38°55.37'/W090°17.30'
VPGPF	_____	N38°35.60'/W090°26.92'
VPGVI	_____	N38°32.30'/W090°27.80'
VPHRQ	CHAIN OF ROCKS BRIDGE	N38°45.88'/W090°10.42'
VPIBO	WATERLOO	N38°20.00'/W090°09.00'
VPJMU	HORSESHOE LAKE	N38°41.00'/W090°05.00'
VPKNY	PACIFIC	N38°29.00'/W090°44.00'
VPLES	ST CHARLES	N38°47.00'/W090°30.00'
VPLIW	SIX FLAGS	N38°30.67'/W090°40.47'
VPLXU	GATEWAY ARCH	N38°37.50'/W090°11.00'
VPNSY	WOOD RIVER REFINERIES	N38°50.00'/W090°05.00'
VPNZY	WENTZVILLE	N38°48.83'/W090°50.98'
VPRAZ	JERSEYVILLE	N39°07.00'/W090°20.00'
VPRMO	FOREST PARK	N38°38.00'/W090°17.00'
VPWKO	COLUMBIA	N38°27.00'/W090°12.00'
VPXXI	MILLSTADT	N38°27.50'/W090°05.68'
VPYID	MOSENTHEIN ISLAND	N38°43.00'/W090°12.25'

SALT LAKE CITY HELICOPTER CHART

VPAIR	SALTAIR	N40°44.85'/W112°11.22'
VPBEE	SOUTH INTERCHANGE	N40°38.18'/W111°54.23'
VPBRN	BARN	N40°54.28'/W112°10.15'
VPCAP	STATE CAPITOL	N40°46.67'/W111°53.25'
VPCHS	_____	N40°42.28'/W112°05.92'
VPCOP	BINGHAM COPPER MINE	N40°31.38'/W112°09.00'
VPCWY	CAUSEWAY	N41°05.37'/W112°07.17'
VPCYN	PARLEYS CANYON	N40°42.67'/W111°48.10'
VPFPC	FREE PORT CENTER	N41°05.92'/W112°02.27'
VPFPK	FRANCIS PEAK	N41°01.98'/W111°50.30'
VPGFS	GARFIELD STACK	N40°43.28'/W112°11.88'
VPHVE	SPAGHETTI BOWL	N40°43.50'/W111°54.22'
VPJRT	JORDAN RIVER TEMPLE	N40°35.02'/W111°55.58'
VPKSL	KSL ANTENNA	N40°46.80'/W112°05.80'
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08'/W111°53.57'
VPMDH	MCKAY DEE HOSPITAL	N41°11.50'/W111°57.08'
VPMMT	MICROWAVE TOWERS	N40°48.50'/W111°53.37'
VPMSH	_____	N41°01.67'/W112°02.47'
VPNSL	_____	N40°50.15'/W111°54.90'
VPNTP	_____	N41°03.57'/W112°14.23'
VPOGE	GRAIN ELEVATOR	N41°13.13'/W112°00.45'
VPOPS	POWER STATION	N41°20.38'/W112°02.78'
VPPEN	STATE PRISON	N40°29.88'/W111°53.62'
VPPPT	PROMONTORY POINT	N41°12.28'/W112°25.73'
VPPTM	POINT OF THE MOUNTAIN	N40°27.42'/W111°54.83'
VPVPO	PROVO CANYON	N40°18.77'/W111°39.45'
VPRWY	_____	N40°48.48'/W112°00.33'
VPSLC	I-15/I-80 INTERCHANGE	N40°45.83'/W111°54.85'
VPTIP	SOUTH TIP	N40°50.93'/W112°10.92'
VPWBR	WEBER CANYON	N41°08.17'/W111°54.83'
VPWBT	_____	N40°38.00'/W112°03.33'

SALT LAKE CITY TERMINAL AREA CHART/FLYWAY CHART

VPAIR	SALTAIR	N40°44.85'/W112°11.22'
VPBEE	SOUTH INTERCHANGE	N40°38.18'/W111°54.23'
VPBRN	BARN	N40°54.28'/W112°10.15'
VPCAP	STATE CAPITOL	N40°46.67'/W111°53.25'
VPCHS	_____	N40°42.28'/W112°05.92'
VPCOP	BINGHAM COPPER MINE	N40°31.38'/W112°09.00'
VPVCI	CENTERVILLE INTERCHANGE	N40°55.30'/W111°53.43'
VPCWY	CAUSEWAY	N41°05.37'/W112°07.17'
VPCYN	PARLEYS CANYON	N40°42.67'/W111°48.10'
VPFPC	FREE PORT CENTER	N41°05.92'/W112°02.27'
VPFPK	FRANCIS PEAK	N41°01.98'/W111°50.30'
VPGFS	GARFIELD STACK	N40°43.28'/W112°11.88'

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPHVE	SPAGHETTI BOWL	N40°43.50'/W111°54.22'
VPJRT	JORDAN RIVER TEMPLE	N40°35.02'/W111°55.58'
VPKSL	KSL ANTENNA	N40°46.80'/W112°05.80'
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08'/W111°53.57'
VPMDH	MCKAY DEE HOSPITAL	N41°11.50'/W111°57.08'
VPMMT	MICROWAVE TOWERS	N40°48.50'/W111°53.37'
VPMSh	_____	N41°01.67'/W112°02.47'
VPNSL	_____	N40°50.15'/W111°54.90'
VPNTP	_____	N41°03.57'/W112°14.23'
VPOGE	GRAIN ELEVATOR	N41°13.13'/W112°00.45'
VPOPS	POWER STATION	N41°20.38'/W112°02.78'
VPPEP	STATE PRISON	N40°29.88'/W111°53.62'
VPPTT	PROMONTORY POINT	N41°12.28'/W112°25.73'
VPPTM	POINT OF THE MOUNTAIN	N40°27.42'/W111°54.83'
VPVPO	PROVO CANYON	N40°18.77'/W111°39.45'
VPRWY	_____	N40°48.48'/W112°00.33'
VPSLC	I-15/I-80 INTERCHANGE	N40°45.83'/W111°54.85'
VP TIP	SOUTH TIP	N40°50.93'/W112°10.92'
VPUOU	U OF U EVENTS CENTER	N40°45.73'/W111°50.28'
VPWBR	WEBER CANYON	N41°08.17'/W111°54.83'
VPWBT	_____	N40°38.00'/W112°03.33'
VPZOO	HOGLE ZOO	N40°45.00'/W111°48.95'

SAN DIEGO TERMINAL AREA CHART/FLYWAY CHART

VPLDP	DANA POINT	N33°27.62'/W117°42.87'
VPLSP	SIGNAL PEAK	N33°36.33'/W117°48.63'
VPOCN	_____	N33°14.15'/W117°26.63'
VPSBC	BARONA CASINO	N32°56.25'/W116°52.60'
VPSBL	_____	N33°05.18'/W117°18.55'
VPSBM	BLACK MOUNTAIN	N32°58.87'/W117°07.00'
VPSCF	_____	N32°48.55'/W117°09.17'
VPSCM	COWLES MOUNTAIN	N32°48.72'/W117°01.97'
VPSCP	CRYSTAL PIER	N32°47.77'/W117°15.42'
VPSCR	_____	N32°39.37'/W117°07.30'
VPSFB	IRON MOUNTAIN	N32°58.25'/W116°57.33'
VPSLJ	LAKE JENNINGS	N32°51.53'/W116°53.28'
VPSMB	_____	N32°45.57'/W117°12.22'
VPSMP	_____	N33°22.70'/W117°36.75'
VPSMS	MOUNT SOLEDAD	N32°50.40'/W117°15.10'
VPSMV	_____	N32°45.75'/W117°09.80'
VPSMW	MOUNT WOODSON	N33°00.52'/W116°58.23'
VPSOP	OTAY MESA PRISON	N32°35.82'/W116°55.28'
VPSOT	LOWER OTAY LAKE	N32°37.73'/W116°55.38'
VPSPL	SOUTH POINT LOMA	N32°39.90'/W117°14.55'
VPSPP	POWER PLANT	N33°08.25'/W117°20.23'
VPSQS	QUALCOMM STADIUM	N32°46.98'/W117°07.23'
VPSRT	DEL MAR RACE TRACK	N32°58.58'/W117°15.95'
VPSSM	SAN MIGUEL MOUNTAIN	N32°41.78'/W116°56.18'
VPSSV	SAN VICENTE ISLAND	N32°55.53'/W116°55.00'
VPSTP	TORREY PINES GOLF COURSE	N32°54.17'/W117°14.68'
VPSVA	_____	N33°11.48'/W117°16.38'

SAN FRANCISCO SECTIONAL CHART

VPKBG	KINGSBURY GRADE	N38°58.75'/W119°53.20'
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SAN FRANCISCO TERMINAL AREA CHART/FLYWAY CHART

VPALT	ALTAMONT PASS	N37°44.35'/W121°35.42'
VPANT	ANTIOCH BRIDGE	N38°01.45'/W121°45.02'
VPBBR	BENICIA BRIDGE	N38°02.50'/W122°07.45'
VPCL	CALAVERAS RESERVOIR	N37°28.16'/W121°48.93'
VPCBT	LAKE CHABOT	N37°43.68'/W122°06.94'
VPCOY	COYOTE HILLS	N37°32.50'/W122°05.06'
VPCQZ	CARQUINEZ BRIDGE	N38°03.66'/W122°13.52'
VPCRL	_____	N37°11.00'/W121°41.06'
VPCRY	CRYSTAL SPRINGS CAUSEWAY	N37°30.56'/W122°21.10'

WAYPOINT IDENT

VPCSH
VPDAM
VPDLR
VPDUB
VPEMB
VPGGF
VPGIL
VPHHH
VPKGO
VPLEX
VPMID
VPMOR
VPNUM
VPPAC
VPPRU
VPSAR
VPSLA
VPSTB
VPSUN
VPUTC
VPWAL
VPWAM
VPWFR

COLLOCATED VFR CHECKPOINT

CAL STATE UNIVERSITY
DEL VALLE DAM

DUBLIN
EMBASSY SUITES
GOLDEN GATE FIELDS
GILROY
HAMILTON
KGO
LEXINGTON RESERVOIR
MID-SPAN SAN MATEO BRIDGE
MORMON TEMPLE
NUMMI PLANT

PRUNEYARD
SARATOGA
SLAC/LINEAR ACCELERATOR
STINSON BEACH
SUNOL GOLF COURSE
U.T.C.
WALNUT CREEK

CEMENT PLANT

LOCATION

N37°39.52'/W122°03.52'
N37°36.91'/W121°44.78'
N37°07.00'/W121°47.06'
N37°42.06'/W121°55.36'
N37°26.05'/W121°53.83'
N37°53.07'/W122°18.71'
N37°01.37'/W121°33.99'
N38°03.58'/W122°30.66'
N37°31.58'/W122°06.10'
N37°11.66'/W121°59.18'
N37°36.28'/W122°11.81'
N37°48.46'/W122°11.95'
N37°29.56'/W121°56.58'
N37°38.00'/W122°32.07'
N37°17.33'/W121°56.01'
N37°15.26'/W122°02.33'
N37°24.75'/W122°14.35'
N37°54.45'/W122°40.41'
N37°34.85'/W121°53.23'
N37°13.93'/W121°41.35'
N37°53.78'/W122°04.30'
N37°30.28'/W122°10.00'
N37°30.88'/W122°12.26'

TAMPA/ORLANDO TERMINAL AREA CHART/FLYWAY CHART

VPBOV
VPCNY
VPDAD
VPDFI
VPDUT
VPEAR
VPFFU
VPGPE
VPHUC
VPKER
VPLEV
VPLJA

DADE CITY

CLEARWATER BEACH

ST PETE BEACH

LAKE PARKER

N27°57.00'/W080°46.75'
N28°30.00'/W080°45.00'
N28°22.57'/W082°11.25'
N29°00.17'/W081°20.85'
N27°37.70'/W082°09.10'
N27°58.67'/W082°49.83'
N28°57.08'/W081°00.33'
N27°43.50'/W082°44.67'
N28°19.87'/W082°43.77'
N28°04.00'/W081°56.00'
N28°48.00'/W080°52.00'
N29°00.00'/W080°51.00'

WASHINGTON SECTIONAL CHART

VPACE
VPAXI
VPBRA
VPGCE
VPWZO

N38°07.82'/W076°48.75'
N38°34.57'/W076°20.38'
N36°13.75'/W076°08.08'
N36°03.90'/W076°36.42'
N36°00.87'/W075°40.07'

VOR RECEIVER CHECK VOR RECEIVER CHECKPOINTS AND VOR TEST FACILITIES (VOT)

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The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed "Type of Checkpoint" & "Type of VOT Facility" G stands for ground. A/ stands for airborne followed by figures (2300) or (1000–3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

IDAHO

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Boise	113.3/BOI	A/5000	090	6.2	Over dam outlet S end Lucky Peak Reservoir
Boise (Boise Air Terminal–Gowen Field).....	113.3/BOI	G	275	1.0	On twy C adjacent to the intersection of Twy B at apch end Rwy 28L.
Coeur D'Alene	108.8/COE	A/4000	011	9.0	Over amusement park.
Idaho Falls (Idaho Falls Rgnl).....	109.0/IDA	G	208		At intersection of Twys A and A3.
Nez Perce (Lewiston–Nez Perce County).....	108.2/MQW	A/3000	247	6.2	Over tetrahedron on arpt.
Pocatello (Pocatello Rgnl)	112.6/PIH	A/5800	034	8.7	Over radio antenna with white storage tanks at base.
Twin Falls (Twin Falls–Sun Valley Reg Joslin Fld)	115.8/TWF	G	065	0.8	On runup area at apch end Rwy 25.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Boise	116.7	G	

MONTANA

RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Billings	114.5/BIL	A/5000	199	10.5	Over refinery at Laurel.
Bozeman (Gallatin Fld)	112.4/BZN	G	272	0.5	Twy at apch end Rwy 12.
	112.4/BZN	G	137	1.0	On runup as at apch end Rwy 30.
Coppertown (Bert Mooney).....	111.6/CPN	A/6600	098	11.5	Over intersection of Rwy's 11–29 and 15–33.
Dillon	113.0/DLN	A/7000	245	5.0	Over letter 'B' on bluff.
Great Falls (Great Falls Intl)	115.1/GTF	G	030	2.3	On Twy A between A5 and A6.
	115.1/GTF	G	030	2.9	At intersection of Twy A and A3.
Havre	111.8/HVR	A/4000	278	8.0	Over S end of dam.
Helena (Helena Rgnl).....	117.7/HLN	G	238	0.7	On Twy E on South side of Rwy 27.
Kalispell (Glacier Park Intl)	108.4/FCA	A/4000	316	6.4	Over apch end Rwy 30.

VOR RECEIVER CHECK

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lewistown (Lewistown Muni)	112.0/LWT	A/5200	075	5.6	Over apch end Rwy 07.
Livingston	116.1/LVM	A/6500	237	5.5	Over northern most radio twr NE of city.
Miles City (Frank Wiley Field)	112.1/MLS	G	036	4.2	On twy leading to Rwy 30.
Missoula (Missoula Intl)	112.8/MSO	G	344	0.6	Terminal ramp east of Twy D.

OREGON

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Astoria (Astoria Regional)	114.0/AST	G	153	.5	East edge of ramp in front of large hangar.
Baker	115.3/BKE	A/6000	136	6.7	Over microwave tower on bluff.
Corvallis (Corvallis Muni)	115.4/CVO	G	049	0.5	On S edge of terminal ramp.
Eugene (Mahlon Sweet Field)	112.9/EUG	G	071	0.5	On ramp immediately W of tower.
Klamath Falls (Klamath Falls).....	115.9/LMT	G	298	1.0	On ramp N of Twy E.
North Bend (North Bend Muni).....	112.1/OTH	G	255	3.5	On circle at intersection twys to Rwys 13-31 and 04-22.
Pendleton (Eastern Oregon Rgnl At Pendleton)	114.7/PDT	G	073	3.9	On twy B.
Rogue Valley (Rogue Valley Intl)	113.6/OED	A/3000	213	4.8	Over radio tower.
Roseburg (Roseburg Rgnl)	108.2/RGB	A/2500	337	3.0	Over S end of Rwy 16-34.
Wildhorse	113.8/ILR	A/6500	225	6.0	Over smoke stack.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl	111.0	G	
Portland Hillsboro	115.2	G	
Rogue Valley Intl-Medford	117.2	G	Unusable on Twy A-6, hangar area W of Twy A-6 and Twy A NW of Twy C.

WASHINGTON

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Ellensburg (Bowers Field)	117.9/ELN	A/2300	255	3.5	Over W end of Rwy 07-25.
Ephrata (Ephrata Muni).....	112.6/EPH	A/2300	202	5.8	Over intersection of Rwys 02-20 and 11-29.
Hoquiam (Bowerman)	117.7/HQM	A/1100	062	8.4	Over centerline on apch end Rwy 06.
Whatcom (Bellingham Intl)	113.0/HUH	A/1700	162	5.4	Over Nooksack River/Interstate 5 Bridge.

VOR RECEIVER CHECK

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Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Moses Lake (Grant County Intl).....	115.0/MWH	G	155	1.4	On runup area Rwy 32R.
	115.0/MWH	G	194	1.2	On runup area Rwy 04.
	115.0/MWH	G	313	1.0	On runup area Rwy 14L.
Olympia (Olympia Rgnl)	113.4/OLM	G	350	0.3	On E runup area Rwy 17.
Paine (Snohomish Co (Paine Fld))	110.6/PAE	G	173	0.8	Intersection of Rwy 11 and Twy H.
				1.1	On Twy A-7.
Pasco (Tri-Cities).....	108.4/PSC	G	098		Twy Echo at Rwy 30 run-up area.
Seattle	116.8/SEA	A/2000	197	27.0	Over Nisqually River/Interstate 5 bridge.
Seattle	116.8/SEA	A/2500	308	19.5	Over NW end of bridge and Hwy 305.
Seattle (Crest Airpark)	116.8/SEA	A/2000	107	10.3	Over centerline on apch end Rwy 33.
Tatoosh (Sekiu)	112.2/TOU	A/2500	077	12.4	Over AER 08.
Walla Walla (Martin Field)	116.4/ALW	A/1500	225	5.6	Over largest hangar.
Walla Walla (Walla Walla Rgnl).....	116.4/ALW	G	035	0.5	At the intersection of Twys A and C.
Wenatchee (Pangborn Mem).....	111.0/EAT	G	105	0.6	On Twy at apch end of Rwy 30.
Yakima	116.0/YKM	A/3500	210	4.1	Over single tower on ridge line.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Seattle (Boeing Field/King County Intl)	108.6	G	
Seattle (Seattle Tacoma Intl)	117.5	G	
Spokane (Felts Field).....	114.0	G	
Spokane Intl	109.6	G	

WYOMING

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Boysen Reservoir	117.8/BOY	A/6500	180	25	Over Riverton VOR.
Jackson (Jackson Hole)	115.4/JAC	G	174	0.5	On Twy A, approximately 1,000' S of AER 19.
Muddy Mountain (Casper/Natrona Co Intl) ..	116.2/DDY	A/6400	204	13.4	Over intersection Rwy's 03-21, 08-26 and 12-30.
Newcastle (Mondell Fld).....	108.2 ECS	A/5500	116	4.9	Over radio towers with strobe lights.
Rawlins (Rawlins Muni)	109.4/RWL	A/7500	093	5.5	Bridge over railroad track east of refinery.
	109.4/RWL	G	050	0.8	Runup area Rwy 22.
Rock Springs (Rock Springs-Sweetwater County)	116.0/OCS	G	270	2.3	Intersection twy to Rwy 09-27.
Sheridan (Sheridan County).....	115.3/SHR	A/5000	129	5.0	Over centerline approach end Rwy 14.

The following tabulation lists all reported parachute jumping sites in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Jumps within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact the nearest FSS, tower or ARTCC.

Qualified parachute jumping sites will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jump area is charted.

To qualify for charting, a jump area must meet the following criteria:

- (1) Been in operation for at least 1 year.
- (2) Operate year round (at least on weekends).
- (3) Log 4,000 or more jumps each year.

In addition, jump sites can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
IDAHO			
Burley	13 NM; 035° Burley	15,000	Daily SR-SS.
(c) Caldwell Industrial Arpt.....	20 NM; 269° Boise	17,500	5 NM radius. 1/2 hour before SR-1 hour after SS.
(c) Star Skydiving Center.....	17 NM; 289° Boise	16,000	5NM radius. SR-2 hrs after SS daily.
MONTANA			
Bozeman Gallatin Fld Arpt.....	1 NM; 038° Bozeman	15,000	2 NM radius. SR-SS daily.
(c) Butler Creek	19 NM; 296° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
Dornblaser Fld.....	5.2 NM; 120° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
(c) Grant Creek	1.5 NM; 053° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
(c) Helena, Ft Harrison	6 NM; 265° Helena	12,000	1 NM radius. Wed-Sun SR-SS.
Kalispell	6 NM; 227° Kalispell	14,000	1 NM radius. 0900-SS daily.
(c) Kalispell, Carson Fld Arpt.....	28 NM; 238° Kalispell	14,000	2 NM radius. 0800-SS daily.
Kalispell, City Arpt.....	6 NM; 230° Kalispell	14,000 AGL	2 NM radius. 0800-SS daily.
(c) Laurel Muni Arpt	9 NM; 208° Billings	14,500	2 NM radius. Daily SR-SS.
Livingston, Mission Fld.....	1 NM; 010° Livingston	14,500	2 NM radius. Daily SR-SS.
(c) Missoula Intl Arpt	1.4 NM; 315° Missoula	1,500 AGL	0.5 NM radius. May-Sep daily SR-SS, Oct-Apr occasional use.
Nine Mile R.S.	17 NM; 289° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
(c) Raser Ranch	2 NM; 357° Missoula	3,000 AGL	0.5 NM radius Apr-Oct occasional use.
Roundup Arpt.....	40 NM; 351° Billings	14,500	Weekends SR-SS.
(c) Six Mile	15 NM; 300° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
(c) Stevensville Arpt.....	25 NM; 162° Missoula	14,000	1 NM radius. Wed and weekends SR-SS.
Stoney Creek.....	17 NM; 296° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
Three Forks Arpt.....	18 NM; 275° Bozeman	14,500	2 NM radius. Daily SR-SS.
University Campus.....	5 NM; 108° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
West Yellowstone, Yellowstone Arpt.....	60 NM; 034° DuBois	1,500 AGL	June-Sep.
OREGON			
(c) Albany, Northwest Parachute Club	18 NM; 032° Corvallis	13,000	2 NM radius. SR-1 hr after SS Wed-Sun. Occasional hours Mon-Tue.
(c) Creswell, Hobby Fld.....	15 NM; 120° Eugene	15,000	5 NM radius. SR-SS daily.
(c) Estacada, Beaver Oaks Arpt.....	25 NM; 076° Newberg	13,000 AGL	1.5 NM radius. 0800-2300 Daily.
(c) Hermiston Muni Arpt.....	16 NM; 280° Pendleton	15,000	2 NM radius. SR-SS weekends. Occasional hours weekdays.
(c) Medford, Beagle Sky Ranch Arpt.....	5 NM; 350° Rogue Valley	14,000	Daily SR-2200.
(c) Molalla, Sky Dive Oregon Arpt.....	19 NM; 110° Newberg	14,500	5 NM radius. 0800-2200, Daily. Portland Intl Tower 118.1
(c) Redmond, Cline Falls Air Park Arpt....	3 NM; 010° Deschutes	13,000	3 NM radius. 0800-2100.

PARACHUTE JUMPING AREAS

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LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
WASHINGTON			
(c) Coupeville NOLF.....	5 NM; 110° Penn Cove	12,500 AGL	2 NM radius. Occasional use.
Fort Lewis, Abrams Drop Zone.....	7.5 NM; 200° McChord.....	10,000	1 NM radius. Occasional use.
Fort Lewis, Anzio Drop Zone.....	9 NM; 160° McChord.....	10,000	0.3 NM radius. Occasional use.
Fort Lewis, Dakto Drop Zone.....	7.5 NM; 175° McChord.....	10,000	0.3 NM radius. Occasional use.
Fort Lewis, Darby Drop Zone.....	8.5 NM; 097° Olympia	10,000	0.5 NM radius. Occasional use.
Fort Lewis, El Guettar Drop Zone.....	7.5 NM; 092° Olympia	10,000	0.3 NM radius. Occasional use.
Fort Lewis, Gray AAF Drop Zone.....	6 NM; 210° McChord.....	10,000	1 NM radius. Occasional use.
Fort Lewis, Marion Drop Zone.....	11 NM; 190° McChord.....	10,000	1 NM radius. Occasional use.
Fort Lewis, Merrill Drop Zone.....	9 NM; 092° Olympia	10,000	0.5 NM radius. Occasional use.
Fort Lewis, Mytkina Drop Zone.....	10 NM; 065° Olympia	10,000	1 NM radius. Occasional use.
Fort Lewis, Point Salinas Drop Zone...	7.5 NM; 201° McChord.....	10,000	1 NM radius. Occasional use.
Fort Lewis, Pointe De Hoc Drop Zone..	11.5 NM; 192° McChord	10,000	0.25 NM radius. Occasional use.
Fort Lewis, Rogers Drop Zone.....	7 NM; 155° McChord.....	10,000	0.5 NM radius. Occasional use.
Fort Lewis, Solo Drop Zone	6.5 NM; 245° McChord.....	10,000	1 NM radius. Occasional use.
Kennewick, Vista Field.....	5.1 NM; 217° Pasco.....	14,500	1 NM radius. SR-SS weekends, 1700-SS weekdays, Apr-Nov.
(c) Larson Drop Zone.....	17 NM; 217° Moses Lake	3,000	Continuous. Personnel and hvy equip. Grant Co Intl Tower 126.4
Monroe, Firstair Fld.....	14 NM; 091° Paine	12,500	0.5 mi radius. Daily SR-SS.
(c) Richland Arpt.....	8 NM; 270° Pasco.....	13,000	2 NM radius. Continuous.
(c) Ritzville, West Plains Skydiving Drop Zone	36.4 NM; 207° Spokane	15,000	2 NM radius. SR-SS weekends, 1700-SS weekdays. Heavy use Apr-Nov.
(c) Shelton, Sanderson Fld Arpt.....	19 NM; 309° Olympia	14,000	2 NM radius. Daily 0800-2300.
(c) Snohomish, Harvey Fld.....	7 NM; 078° Paine	15,000	2 NM radius. Continuous.
(c) Snohomish, Harvey Fld.....	8 NM; 075° Paine	15,000	1 NM radius. Continuous.
(c) Spokane, Hayford Drop Zone.....	12 NM; 340° Spokane	10,000	0.5 NM radius. Occasional use.
(c) Tacoma, McChord AFB.....	28 NM, 181° Seattle	15,000	Weekends and occasional nights.
(c) Tekoa, Willard Fld.....	31 NM; 110° Spokane	12,500	1 NM radius. Daily.
(c) Toledo, Ed Carlson Mem Fld-South Lewis Co.....	30 NM; 150° Olympia	12,500	5 NM radius. Continuous.

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Charts listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of U.S. World Aeronautical Charts (WAC) and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact the nearest FSS for route dimensions and current status for those routes affecting your flight.

BILLINGS SECTIONAL

78th Edition, 27 Aug 2009

OBSTRUCTIONS

27 Aug 2009 No Major Changes.

22 Oct 2009 Add obst 2409' MSL (310' AGL) UC, 46°33'37"N, 101°12'48"W.

Add obst 1981' MSL (295' AGL) UC, 46°23'06"N, 100°37'17"W.

Add obst 2361' MSL (260' AGL) UC, 47°34'40"N, 100°36'13"W.

Add obst 2237' MSL (260' AGL) UC, 47°24'38"N, 100°35'22"W.

Add obst 2437' MSL (260' AGL) UC, 46°31'55"N, 101°33'11"W.

17 Dec 2009 Add obst 2721' MSL (340' AGL), 48°18'42"N, 102°39'44"W.

AIRPORTS

27 Aug 2009 No Major Changes.

22 Oct 2009 Delete MORGAN arpt, 49°00'00"N, 107°49'32"W.

Delete DORBRINSKI arpt, 47°53'52"N, 101°51'17"W.

Delete LOHSE arpt, 48°34'43"N, 103°27'59"W.

BELLE CREEK arpt abandoned, 45°07'30"N, 105°05'32"W.

17 Dec 2009 Change RP 12 to RP 13 at BLACK HILL-CLYDE ICE arpt, 44°28'46"N, 103°47'02"W.

Change CTAF 122.8 to 122.9 at SOUTH BIG HORN CO arpt, 44°31'01"N, 108°04'58"W.

Delete GRENORA CENTENNIAL arpt, 48°37'32"N, 103°55'48"W.

NAVAIDS

27 Aug 2009 No Major Changes.

22 Oct 2009 Delete PARSHALL NDB, 47°56'10"N, 102°08'14"W.

17 Dec 2009 No Major Changes.

AIRSPACE

27 Aug 2009 No Major Changes.

22 Oct 2009 Add PLENTYWOOD, MT Class E: That airspace extending upward from 700 feet above the surface within a 6.8-mile radius of Plentywood Sher-wood Airport; and that airspace extending upward from 1,200 feet above the surface of the earth bounded by a line beginning at 49°00'00"N, 105°02'00"W; to 49°00'00"N, 104°02'00"W; to 48°32'35"N, 104°02'00"W; to 48°27'00"N, 104°11'12"W; to 48°40'00"N, 105°02'00"W; thence to the point of origin.

17 Dec 2009 Revise TIOGA, ND, Class E: That airspace extending upward from 700 feet above the surface within a 6.7-mile radius of Tioga Municipal Airport and within 4 miles either side of the 133° bearing from the Tioga Municipal Airport extending from the 6.7-mile radius to 10.2 miles southeast of the airport; and that airspace extending upward from 1,200 feet above the surface bounded on the north by latitude 49°00'00"N, on the east by the 47-mile radius of Minot AFB, on the south by V-430, on the southwest by the 21.8-mile radius of the Williston VORTAC, and on the west by the North Dakota/Montana state boundary.

SPECIAL USE AIRSPACE

27 Aug 2009 – 17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

27 Aug 2009 – 17 Dec 2009 No Major Changes.

MISCELLANEOUS

27 Aug 2009 – 17 Dec 2009 No Major Changes.

CF-16 WORLD AERONAUTICAL CHART
38th Edition, 15 Jan 2009**OBSTRUCTIONS****12 Mar 2009 – 17 Dec 2009** No Major Changes.**AIRPORTS****12 Mar 2009 – 17 Dec 2009** No Major Changes.**NAVAIDS****12 Mar 2009** Change ROME VORTAC freq from 122.5 to 112.5, 42°35'26"N, 117°52'05"W.**7 May 2009 – 17 Dec 2009** No Major Changes.**AIRSPACE****12 Mar 2009 – 17 Dec 2009** No Major Changes.**SPECIAL USE AIRSPACE****12 Mar 2009 – 17 Dec 2009** No Major Changes.**MILITARY TRAINING ROUTES****12 Mar 2009 – 17 Dec 2009** No Major Changes.**MISCELLANEOUS****12 Mar 2009 – 17 Dec 2009** No Major Changes.

CHEYENNE SECTIONAL
80th Edition, 30 Jul 2009**OBSTRUCTIONS****27 Aug 2009** Add windmill farm. 6365'UC is highest MSL, 43°04'40"N, 105°50'43"W.

Add obst 6988'MSL (407'AGL)UC, 41°08'23"N, 104°59'52"W.

22 Oct 2009 Add obst 7523'MSL (263'AGL)UC, 41°39'15"N, 106°04'16"W.

Add obst 7508'MSL (391'AGL)UC, 41°40'22"N, 105°59'52"W.

Add obst 5157'MSL (258'AGL)UC, 42°41'04"N, 103°55'53"W.

17 Dec 2009 Add obst 6584'MSL (363'AGL)UC, 41°10'42"N, 104°53'05"W.

Add obst 5047'MSL (350'AGL)UC, 41°38'30"N, 104°08'23"W.

Add obst 5078'MSL (341'AGL)UC, 43°43'57"N, 105°21'49"W.

Add obst 5208'MSL (305'AGL)UC, 43°24'53"N, 106°15'06"W.

Add obst 7127'MSL (262'AGL)UC, 41°57'30"N, 106°26'20"W.

AIRPORTS**27 Aug 2009 – 22 Oct 2009** No Major Changes.**17 Dec 2009** Change RP 12 to RP 13 at BLACK HILLS-CLYDE ICE arpt, 44°28'52"N, 103°47'09"W.

Change CTAF 122.8 to 122.9 at SOUTH BIG HORN CO arpt, 44°31'00"N, 108°04'58"W.

NAVAIDS**27 Aug 2009** Delete ANTELOPE NDB, 41°36'15"N, 109°00'06"W.**22 Oct 2009 – 17 Dec 2009** No Major Changes.**AIRSPACE****27 Aug 2009** Add RUSHVILLE, NE Class E: That airspace extending upward from 700 feet above the surface within a 7.3-mile radius of Modisett airport.**22 Oct 2009 – 17 Dec 2009** No Major Changes.**SPECIAL USE AIRSPACE****27 Aug 2009 – 17 Dec 2009** No Major Changes.**MILITARY TRAINING ROUTES****27 Aug 2009 – 17 Dec 2009** No Major Changes.**MISCELLANEOUS****27 Aug 2009 – 17 Dec 2009** No Major Changes.

GREAT FALLS SECTIONAL**77th Edition, 2 Jul 2009****OBSTRUCTIONS****2 Jul 2009** No Major Changes.**27 Aug 2009** Add obst 4190' MSL (300' AGL) UC, 48°32'20"N, 112°14'12"W.

Add windmill farm 4208' UC is highest MSL, 48°32'01"N, 112°08'37"W.

22 Oct 2009 – 17 Dec 2009 No Major Changes.**AIRPORTS****2 Jul 2009** No Major Changes.**27 Aug 2009** Delete COTTONTAIL arpt, 46°07'56"N, 110°02'50"W.

Delete FRAMPTON arpt, 47°58'43"N, 115°46'05"W.

Change MISSOULA INTL ATCT freq from 387.1 to 377.175, 46°54'59"N, 114°05'26"W.

22 Oct 2009 No Major Changes.**17 Dec 2009** Change CTAF 122.8 to 122.9 at FAIRFIELD arpt, 47°37'45"N, 111°58'48"W.**NAVAIDS****2 Jul 2009** No Major Changes.**27 Aug 2009** Add LEENY NDB, freq 347, ident (LEN), class MHW, 47°44'34"N, 116°57'40"W.**22 Oct 2009 – 17 Dec 2009** No Major Changes.**AIRSPACE****2 Jul 2009 – 22 Oct 2009** No Major Changes.**17 Dec 2009** Add RONAN, MT Class E: That airspace extending upward from 700 feet above the surface within a 8.4-mile radius of Ronan Airport.**SPECIAL USE AIRSPACE****2 Jul 2009 – 17 Dec 2009** No Major Changes.**MILITARY TRAINING ROUTES****2 Jul 2009 – 17 Dec 2009** No Major Changes.**MISCELLANEOUS****2 Jul 2009 – 17 Dec 2009** No Major Changes.

KLAMATH FALLS SECTIONAL**81st Edition, 24 Sep 2009****OBSTRUCTIONS****22 Oct 2009** No Major Changes.**17 Dec 2009** Add obst 721' MSL (211' AGL), 43°31'58"N, 124°12'18"W.**AIRPORTS****22 Oct 2009** Delete RED & WHITE arpt, 43°07'09"N, 121°02'41"W.

Delete UNITY arpt, 44°27'05"N, 118°11'12"W.

17 Dec 2009 Delete CUBEHOLE arpt, 44°21'52"N, 122°57'30"W.

Delete WILSON arpt, 44°12'44"N, 120°31'26"W.

Delete LAWEN arpt, 43°28'46"N, 118°49'51"W.

NAVAIDS**22 Oct 2009 – 17 Dec 2009** No Major Changes.**AIRSPACE****22 Oct 2009** Add NORTH BEND, OR Class D: That airspace extending upward from the surface to and including 2500 feet MSL within a 4.2-mile radius of the Southwest Oregon Regional Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory.**17 Dec 2009** No Major Changes.**SPECIAL USE AIRSPACE****22 Oct 2009 – 17 Dec 2009** No Major Changes.**MILITARY TRAINING ROUTES****22 Oct 2009 – 17 Dec 2009** No Major Changes.**MISCELLANEOUS****22 Oct 2009 – 17 Dec 2009** No Major Changes.

SALT LAKE CITY HELICOPTER ROUTE CHART

3rd Edition, 26 Oct 2006

OBSTRUCTIONS

23 Nov 2006 – 17 Dec 2009 No Major Changes.

AIRPORTS

23 Nov 2006 – 10 Apr 2008 No Major Changes.

5 Jun 2008 Delete PAYNE arpt, 41°05'54"N, 112°06'56"W.

Delete WARD heli, 40°35'59"N, 111°48'03"W.

31 Jul 2008 – 20 Nov 2008 No Major Changes.

20 Nov 2008 Delete CHANNEL 4 heli, 40°43'57"N, 111°57'20"W.

15 Jan 2009 – 17 Dec 2009 No Major Changes.

NAVAIDS

23 Nov 2006 – 17 Dec 2009 No Major Changes.

AIRSPACE

23 Nov 2006 – 17 Dec 2009 No Major Changes.

SPECIAL USE AIRSPACE

23 Nov 2006 – 17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

23 Nov 2006 – 17 Dec 2009 No Major Changes.

MISCELLANEOUS

23 Nov 2006 – 17 Dec 2009 No Major Changes.

SALT LAKE CITY SECTIONAL

82nd Edition, 22 Oct 2009

OBSTRUCTIONS

22 Oct 2009 No Major Changes.

17 Dec 2009 Change obst from 6143' MSL (302' AGL) to 6214' MSL (345' AGL), 42°51'46"N, 112°31'06"W.

AIRPORTS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

NAVAIDS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

AIRSPACE

22 Oct 2009 No Major Changes.

17 Dec 2009 Add airway V626 from MYTON VOR/DME, (MTU)250° to FAIRFIELD VOTAC, (FFU) 110°.

SPECIAL USE AIRSPACE

22 Oct 2009 – 17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

22 Oct 2009 – 17 Dec 2009 No Major Changes.

MISCELLANEOUS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

SALT LAKE CITY TERMINAL AREA CHART

41st Edition, 22 Oct 2009

OBSTRUCTIONS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

AIRPORTS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

NAVAIDS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

AIRSPACE

22 Oct 2009 – 17 Dec 2009 No Major Changes.

SPECIAL USE AIRSPACE

22 Oct 2009 – 17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

22 Oct 2009 – 17 Dec 2009 No Major Changes.

MISCELLANEOUS

22 Oct 2009 – 17 Dec 2009 No Major Changes.

SEATTLE SECTIONAL
78th Edition, 17 Dec 2009

OBSTRUCTIONS

17 Dec 2009 No Major Changes.

AIRPORTS

17 Dec 2009 No Major Changes.

NAVAIDS

17 Dec 2009 No Major Changes.

AIRSPACE

17 Dec 2009 No Major Changes.

SPECIAL USE AIRSPACE

17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

17 Dec 2009 No Major Changes.

MISCELLANEOUS

17 Dec 2009 No Major Changes.

SEATTLE TERMINAL AREA CHART
73rd Edition, 17 Dec 2009

OBSTRUCTIONS

17 Dec 2009 No Major Changes.

AIRPORTS

17 Dec 2009 No Major Changes.

NAVAIDS

17 Dec 2009 No Major Changes.

AIRSPACE

17 Dec 2009 No Major Changes.

SPECIAL USE AIRSPACE

17 Dec 2009 No Major Changes.

MILITARY TRAINING ROUTES

17 Dec 2009 No Major Changes.

MISCELLANEOUS

17 Dec 2009 No Major Changes.

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SUPPLEMENTAL COMMUNICATION REFERENCE

Contained within this tabulation, and listed alphabetically by airport name, are all private-use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Frankfort, IL (LL40)	L-28H
Chicago App/Dep Con 133.1 285.6	
Glasgow Industrial, MT (Ø7MT)	H-1E, 2F, L-13D
Salt Lake Center App/Dep Con 126.85 305.2	
USAF Academy Bullseye Aux Airstrip, CO (C09Ø)	L-10F
ASOS 118.325	
West Kentucky Airpark, KY (5KY3)	L-16I
Memphis Center App/Dep Con 133.65 292.15	
William P Gwinn, FL (Ø6FA)	H-8I, L-23C
Gwinn Tower 120.4 279.25 (Mon-Fri 1300-2100Z‡)	
Gnd Con 121.65 279.25	

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX)	H-1B, L-12F
ATIS 119.8 (1500-Ø700Z‡)	
Victoria Trml App/Dep Con 132.7 (Avbl on ground) 290.8	
Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500-Ø700Z‡) Gnd Con 121.8	
MF 119.4 295.0 (Ø700-1500Z‡) (Shape irregular to 4500')	
Amos/Magny, QC (CYEY)	H-11B
Montreal Center App/Dep Con 125.9	
Atikokan Muni, ON (CYIB)	L-14I
MF 122.3 (5 NM to 4500' No ground station)	
Barrie-Orillia (Lake Simcoe Rgnl), ON (CYLS)	H-11B, L-31D
AWOS 122.55 (Pvt)	
Toronto Center App/Dep Con 124.025	
Bar River, ON (CPF2)	L-31C
Toronto Center App/Dep Con 132.65	
Bathurst, NB (CZBF)	L-32J
Moncton Center App/Dep Con 134.25	
Boundary Bay, BC (CZBB)	H-1B, L-1E
ATIS 125.5 (1500-Ø700Z‡)	
Vancouver App/Dep Con 132.3 363.8	
Tower 118.1 (Inner) 127.6 (Outer) (1500-Ø700Z‡) Gnd Con 124.3	
MF 118.1 (Ø700-1500Z‡ to 2000'. Vancouver Trml 125.2 above 2000'. Shape irregular to 2500'.)	
Brampton, ON (CNC3)	L-31D
Toronto Trml App/Dep Con 119.3 253.1	
Brandon Muni, MB (CYBR)	H-2H
Winnipeg Center App/Dep Con 132.25 285.4	
MF 122.1 (5 NM to 4000')	
Brantford, ON (CYFD)	L-31D
Toronto Trml App/Dep Con 128.27	
Brockville-Thousand Islands Rgnl Tackaberry, ON (CNL3)	L-32G
Montreal Center App/Dep Con 134.675	
Bromont, QC (CZBM)	L-32G
Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400')	
Burlington Airpark, ON (CZBA)	L-31D
Toronto Center App/Dep Con 119.3 253.1	
Castlegar, BC (CYCG)	H-1C
Vancouver Center App/Dep Con 134.2 227.3	
MF 122.1 (5 NM to 6500')	
Centralia/James T. Fld Muni, ON (CYCE)	H-10G, 11B, L-31D
Toronto Center App/Dep Con 135.30	
Charlottetown, PE (CYYG)	H-11E, L-32J
Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200')	
Chatham-Kent, ON (CNZ3)	H-10G, L-30G
Cleveland Center App/Dep Con 132.25	

FACILITY NAME	CHART & PANEL
Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02	H-11B, L-31D
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L-32G
Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100')	H-1C
Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2	H-11E, L-32J
Digby, NS (CYID) Moncton Center App/Dep Con 123.9	L-32J
Downsview, ON (CYZD) Toronto Center App Con 133.4 Toronto Center Dep Con 133.4 MF 126.2 (1300-2300Z±, 3 NM to 1700')	H-11B, L-31E
Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35	L-32H
Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800') AWOS 128.6	H-11B
Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4	L-31C
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L-14H
Fredericton Intl, NB (CYFC) ATIS 127.55 Moncton Center App/Dep Con 124.3 135.5 270.8 Tower 119.0 (1200-2000Z, DT 1100-1900Z) Gnd Con 121.7 (Ltd hrs) MF 119.0 (2000-1200Z, DT 1900-1100Z 5 NM to 3500')	H-11E, L-32I
Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3	H-11B, L-31D
Greenwood, NS (CYZX) ATIS 128.85 244.3 (1100-0000Z±) App/Dep Con 120.6 335.9 Tower 119.5 126.2 236.6 324.3 Gnd Con 133.75 289.4 Clncl Del 128.05 283.9	H-11E, L-32J
Grimsby Air Park, ON (CNZ8) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	L-31E
Halifax/Shearwater, NS (CYAW) ATIS 129.175 (Ltd hrs) App/Dep Con 119.2 Tower 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1	H-11E, L-32J
Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 118.7 119.2 128.55 135.3 225.2 363.8 Tower 118.4 236.6 Gnd Con 121.9 275.8 Clncl Del 123.95 Apron Advisory 122.125	H-11E, L-32J
Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 128.27 268.75 Tower 119.7 125.0 Gnd Con 121.6	H-10H, 11B, L-11B
Kingston, ON (CYGK) Montreal Center App/Dep Con 135.05 398.4 (0400-1115Z±) MF 122.5 (1115-0400Z± 5 NM to 3300')	H-11C, L-31E, 32F
Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200-0400Z±) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200-0400Z±) Gnd Con 121.8 MF 126.0 (0400-1200Z± 5 NM to 4000')	H-11B, L-31D
Lachute, QC (CSE4) Montreal Center App Con 124.65 132.85 268.3 Montreal Center Dep Con 132.85 268.3	L-32G
La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5	H-11C
Langley, BC (CYNJ) ATIS 124.5 (1630-0230Z, DT 1530-0330Z) Victoria Trml 132.7 290.8 Tower 119.0 (1630-0230Z, DT 1530-0330Z) Gnd Con 121.9 MF 119.0 (0230-1630Z, DT 0330-1530Z 3 NM to 1900')	L-1E

FACILITY NAME	CHART & PANEL
Leamington, ON (CLM2) Cleveland Center App/Dep Con 132.45	L-30F
Lethbridge, AB (CYQL) ATIS 124.4 (1300-0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000')	H-1D
Lindsay, ON (CNF4) Toronto Center App/Dep Con 134.25	L-31E, L-32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L-32J
London, ON (CYXU) ATIS 127.8 (1120-0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120-0345Z‡) Gnd Con 121.9 MF 119.4 (0345-1120Z‡ 5 NM to 3000')	H-10G, 11B, L-30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L-31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L-32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500'. No gnd station. Excluding the portion S of the N shore of Riviere des Milles-Iles and 1 NM around Lac Agile Mascouche arpt.)	L-32G
Medicine Hat, AB (CYXH) AWOS 124.875 (0345-1245Z‡) MF 122.2 (1245-0345Z‡ 5 NM to 5400')	H-1D
Midland/Huronia, ON (CYEE) Toronto Center App/Dep 124.025	L-31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H-11E, L-32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H-11E, L-32J
Mont-Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L-32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App Con 124.65 132.85 268.3 Montreal Dep Con 132.85 MF 119.1 (7 NM shape irregular to 2000') VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 124.65 126.9 132.85 268.3 Tower 119.9 267.1 Gnd Con 121.9 275.8 Clnc Del 125.6 Apron 122.075 Montreal Trml Dep Con 118.9 (SE-S-SW) 124.65 268.3 (W-NW-NE) VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/St-Hubert, QC (CYHU) ATIS 124.9 (Apr-Oct 1045-0500Z‡, Nov-Mar 1045-0400Z) AWOS 124.9 Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (Apr-Oct 1045-0500Z‡, Nov-Mar 1045-0400Z) Gnd Con 126.4 MF 118.4 (Apr-Oct 0500-1045Z‡, Nov-Mar 0400-1045Z 5 NM shape irregular to 2500') VFR Advisory 134.15	H-11C, L-32G
Muskoka, ON (CYQA) AWOS 124.575 MF 122.3 (5 NM to 3900')	H-11B, L-31D
Nanaimo, BC (CYCD) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 1330-0530Z‡ (5 NM to 2500')	H-1B, L-1E
North Bay, ON (CYYB) ATIS 124.9 (1130-0300Z‡) Toronto Center App/Dep 121.225 127.25 MF 118.3 (1130-0330Z‡ 7 NM to 5000')	H-11B, L31D
Oshawa, ON (CYOO) ATIS 125.675 (1130-0330Z‡) Toronto Trml App Con 133.4 Tower 120.1 (1130-0330Z‡) Gnd Con 118.4 Toronto Trml Dep Con 133.4 MF 120.1 (0330-1130Z‡ 5 NM to 3000')	L-31E

FACILITY NAME	CHART & PANEL
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 128.175 252.5	L-31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 252.5 MF 122.3 (5 NM shape irregular to 2500') VFR Advisory Ottawa Trml 127.7	H-11C, L-32G
Ottawa/MacDonald-Cartier Intl, ON (CYOW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 120.1 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175	L-11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L-31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L-30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon-Fri 1300-2130Z†, OT PPR)	H-11C, L-31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100')	H-1B
Peterborough, ON (CYPQ) AWOS 126.925 Toronto Center App/Dep 134.25	H-11B, L-31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H-1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500-0700Z†) Vancouver Center App Con 128.6 352.7 (Outer) Pitt Tower 126.3 (1500-0700Z†) Gnd Con 123.8 Vancouver Center Dep Con 132.3 363.8 (South) MF 126.3 (0700-1500Z†) (3NM to 2500')	L-1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 AWOS 122.025 (Pvt) Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 (185.65 Quebec Twr VFR acft at or below 3000') Tower 118.65 236.6 Gnd Con 121.9 250.0	H-11D, L-32H
Riviere Du Loup, QC (CYRI) AWOS 122.025 (Pvt) Montreal Center App/Dep Con 125.1 299.6	H-11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000')	H-11B
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400')	H-11E, L-32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center 134.375	H-10G, 11B, L-30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1300-0100Z†) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1300-0100Z†) Gnd Con 121.7 MF 118.8 (0100-1300Z† 5 NM irregular shape to 3000')	H-2K, L-31B
Sherbrooke, QC (CYAM) AWOS 126.25 Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800')	H-11D, L-32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L-31E, 32F
Southport, MB (CYPG) ATIS 120.85 (Mon-Fri 1400-2300Z† except holidays) Tower 126.2 384.2 (Mon-Fri 1400-2300Z† except holidays) Gnd Con 121.7 275.8	H-2H

FACILITY NAME	CHART & PANEL
Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025	L-31D
St. Catharines/Niagara District, ON (CYSN) ATIS 128.525 (1215-0200Z‡) Toronto Trml App/Dep Con 133.4 253.1 MF 123.25 (1215-0200Z‡ 5 NM to 3300')	H-10H, 11B, L-31E
St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9	L-32H
St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900' ASL)	H-32H, L-11D
St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr-Oct 1230-0230Z‡ Nov-Mar 1300-0200Z‡) Gnd Con 121.7	L-32G
Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000')	H-31B, 10G, L-31D
Summerside, PE (CYSU) AWOS 122.55 (Pvt) Moncton Center App/Dep Con 124.4 384.8	H-11E, L-32J
Thunder Bay, ON (CYQT) ATIS 128.8 (1100-0400Z‡) Winnipeg Center App/Dep Con 132.125 (0400-1100Z‡) Tower 118.1 (1100-0400Z‡) Gnd Con 121.9 App/Dep 119.2 MF 118.1 (0400-1100Z‡ 5 NM to 4000')	H-2J, L-14J
Timmins, ON (CYTS) ATIS 124.95 (1000-0500Z‡) Toronto Center App/Dep Con 128.3 226.3 MF 122.3 (5 NM to 4000')	H-11B
Toronto/Buttonville Muni, ON (CYKZ) ATIS 127.1 (1200-0400Z‡) Toronto Center App Con 133.4 Toronto Center Dep Con 133.4 Tower 124.8 119.9 (1200-0400Z‡) Gnd Con 121.8 MF 124.8 (0400-1200Z‡ No gnd station. 5 NM shape irregular to below 2500')	L-31E
Toronto/City Centre, ON (CYTZ) ATIS 133.6 (1130-0400Z‡) App Con 133.4 Dep Con 133.4 Tower 118.2 119.2 (1130-0400Z‡) Gnd Con 121.7	L-31E
Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 App Con 124.475 125.4 132.8 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 118.0 119.1 121.65 121.9 Clnc Del 121.3 (1200-0400Z‡) VFR Advisory 119.3 133.4	H-11B, L-31D
Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4	H-11C, L-31E, 32F
Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0	H-11C, L-31E, 32F
Trois-Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 229.2 MF 123.0 (5 NM to 3200')	H-11C, L-32H
Val-d'Or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030-0325Z‡ 5 NM to 4000')	H-11B
Vancouver Intl, BC (CYVR) ATIS 124.6 124.75 App Con 128.6 128.17 352.7 (Outer) 133.1 134.225 352.7 (Inner) Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Clnc Del 121.4	H-1B, L-1E

FACILITY NAME	CHART & PANEL
Victoria Intl, BC (CYYJ) ATIS 118.8 (1400-0800Z‡) App Con 125.95 308.4 Dep Con 133.85 308.4 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400-0800Z‡ OT ctc Kamloops 119.7) Cinc Del 126.4 (1400-0800Z‡)	H-1B, L-1E
Victoriaville, QC (CSR3) Montreal Center App Con 132.35	L-32H
Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3	L-32J
Warton, ON (CYVY) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700')	H-11B, L-31D
Windsor, ON (CYQG) ATIS 134.5 (1130-0330Z‡) Detroit App/Dep Con 126.85 127.5 134.3 348.3 363.2 Tower 124.7 (1130-0330Z‡) Gnd Con 121.7 MF 124.7 (0330-1130Z‡ 6 NM irregular shape to below 3000') VFR Advisory Detroit App Con 134.3	H-10G, L-8J
Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100')	H-11E, L-32I

MEXICO

FACILITY NAME	CHART & PANEL
Abraham Gonzalez Intl (MMCS) Juarez App Con 119.9 Juarez Tower 118.9	H-4K, L-6F
Del Norte Intl (MMAN) ATIS 127.55 (1300-0300Z‡) Monterrey App 119.75 120.4 Tower 118.6	H-7B, L-20G
Durango Intl (MMDO) ATIS 132.1 Tower 118.1 Durango Info 122.3	H-7A
General Abelardo L Rodriguez Intl (MMTJ) ATIS 127.9 Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Cinc Del 122.35 Tijuana Info 132.1	H-4H, L-4H
General Lucio Blanco Intl (MMRX) Reynosa App Con 118.8 Reynosa Tower 118.8	H-7B, L-20H
General Mariano Escobedo Intl (MMMY) ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Tower 118.1 Gnd Con 121.9	H-7B, L-20G
General R Fierro Villalobos Intl (MMCW) ATIS 127.9 Chihuahua App Con 121.0 Chihuahua Tower 118.4	L-6I
General Rodolfo Sanchez Taboada Intl (MMML) ATIS 127.6 Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	H-4H, L-4J, 5A
General Servando Canales (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0	H-7C, L-21A
Plan De Guadalupe Intl (MMIO) Saltillo App Con 127.4 Saltillo Tower 118.4	H-7B
Quetzalcoatl Intl (MMNL) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	H-7B, L-20G
Torreón Intl (MMTC) App Con 119.6 Tower 118.5	H-7A

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

In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the A/FD. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the A/FD may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

GENERAL INFORMATION





PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , .
 2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name. A star (*) indicates non-standard PCL, consult the individual airport in the front portion of the A/FD, e.g., .
- To activate lights use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , .

<u>KEY MIKE</u>	<u>FUNCTION</u>
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

FAA procedure amendment number  Amdt 11A 99365  Date of latest change
 Orig 00365 

The Chart Date identifies the Julian date the chart was added to the volume or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest addition or change was first published.

The Procedure Amendment Number precedes the Chart Date, and changes any time instrument information (e.g., DH, MDA, approach routing, etc.) changes. Procedure changes also cause the Chart Date to change.

MISCELLANEOUS

- ★ Indicates a non-continuously operating facility, see the individual airport in the front portion of the A/FD.
- # Indicates control tower temporarily closed UFN.

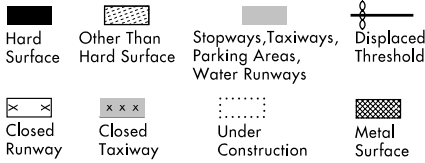
09071

LEGEND

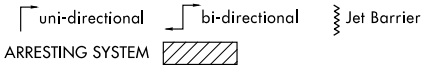
INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM

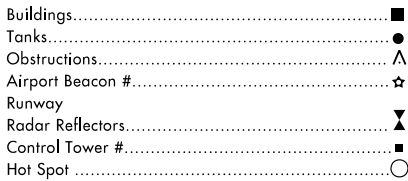
Runways



ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



REFERENCE FEATURES



When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A **D** symbol is shown to indicate runway declared distance information available, see appropriate A/FD, Alaska or Pacific Supplement for distance information.

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression.

Refer to the appropriate Supplement/Directory for applicable codes e.g.,

RWY 14-32 S75, T185, ST175, TT325

PCN 80 F/D/X/U

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures landing point.....

Runway Threshold elevation.....THRE 123

Runway TDZ elevation.....TDZE 123

Runway Slope.....0.3% DOWN

(shown when runway slope is greater than or equal to 0.3%)

NOTE:

Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

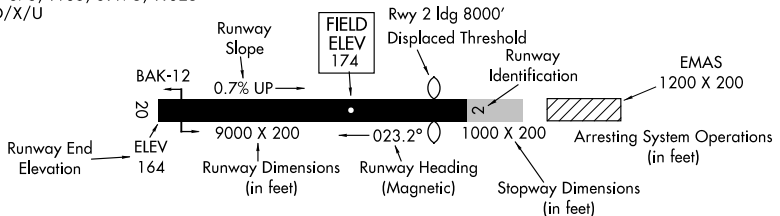
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ± 600 feet unless otherwise noted on the chart.

NOTE:

All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FLIP. (Foreign Only)



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations and provide information for updating Computer Based Navigation Systems (I.E., INS, GPS) aboard aircraft. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

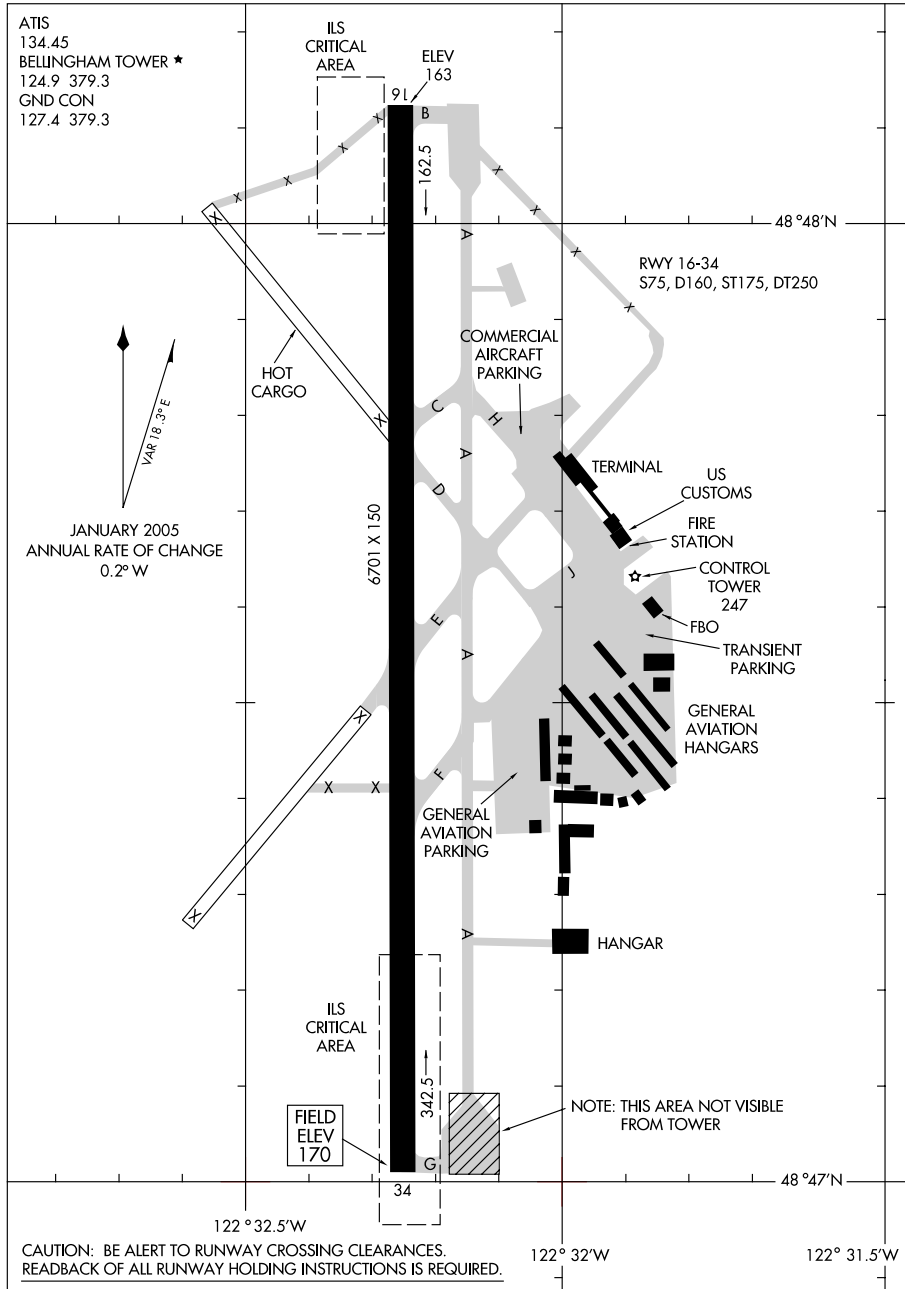
An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary. A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HOT¹", "HOT²", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
IDAHO		
IDAHO FALLS IDAHO FALLS RGNL (IDA)	HOT ¹	Pilots should use caution and look carefully for runway hold line when using Twy C. Rwy 17–35 does not have runway edge markings and can be mistaken for a twy.
	HOT ²	Aircraft departing Rwy 20 often miss left turn on A–1 and taxi past A–1 entrance. Do not mistake Rwy 20 such hold line on Twy A for entrance to Rwy 20.
	HOT ³	Do not cross hold line for Rwy 17 without authorization.
LEWISTON LEWISTON-NEZ PERCE CO (LWS)	HOT ¹	Twy C and Twy G intersection close proximity to Rwy 12–30.
	HOT ²	Twy G between Rwy 8–26 and Rwy 30 thld. Short distance between rwys.
MONTANA		
MISSOULA MISSOULA INTL (MSO)	HOT ¹	Intersection of Twy A and Twy F. Critical turn for eastbound ramp access.
OREGON		
PORTLAND PORTLAND INTL (PDX)	HOT ¹	Limited wing-tip clearance at taxiway convergence point. Pilots taxiing eastbound on taxiway B should hold at the taxiway holding position marking when directed by ATC.
WASHINGTON		
EVERETT SNOHOMISH COUNTY (PAINE FIELD) PAE	HOT ¹	Intersection of Twy D1, Twy A5, and Rwy 11–29, Rwy in close proximity to ramp areas.
	HOT ²	Rwy 29 thld in close proximity to ramp areas.
	HOT ³	Twy A between Twy A8 and Twy A9 not visible from ATCT.
SEATTLE BOEING FIELD/KING COUNTY INTL (BFI)	HOT ¹	Twy Z restricted access area.
	HOT ²	Rwy 13R–31L and Twy A9. Wrong rwy departure risk.
SEATTLE SEATTLE-TACOMA INTL (SEA)	HOT ¹	Aircraft landing Rwy 34C and exiting Twy H who turn right on Twy J must clear the Rwy 34C hold bar completely, while using vigilance not to cross the hold bar for Rwy 34R (34C–34R hold bar separation distance 189 feet).

09127

AIRPORT DIAGRAM

AL-45 (FAA)

BELLINGHAM INTL (BLI)
BELLINGHAM, WASHINGTON

AIRPORT DIAGRAM

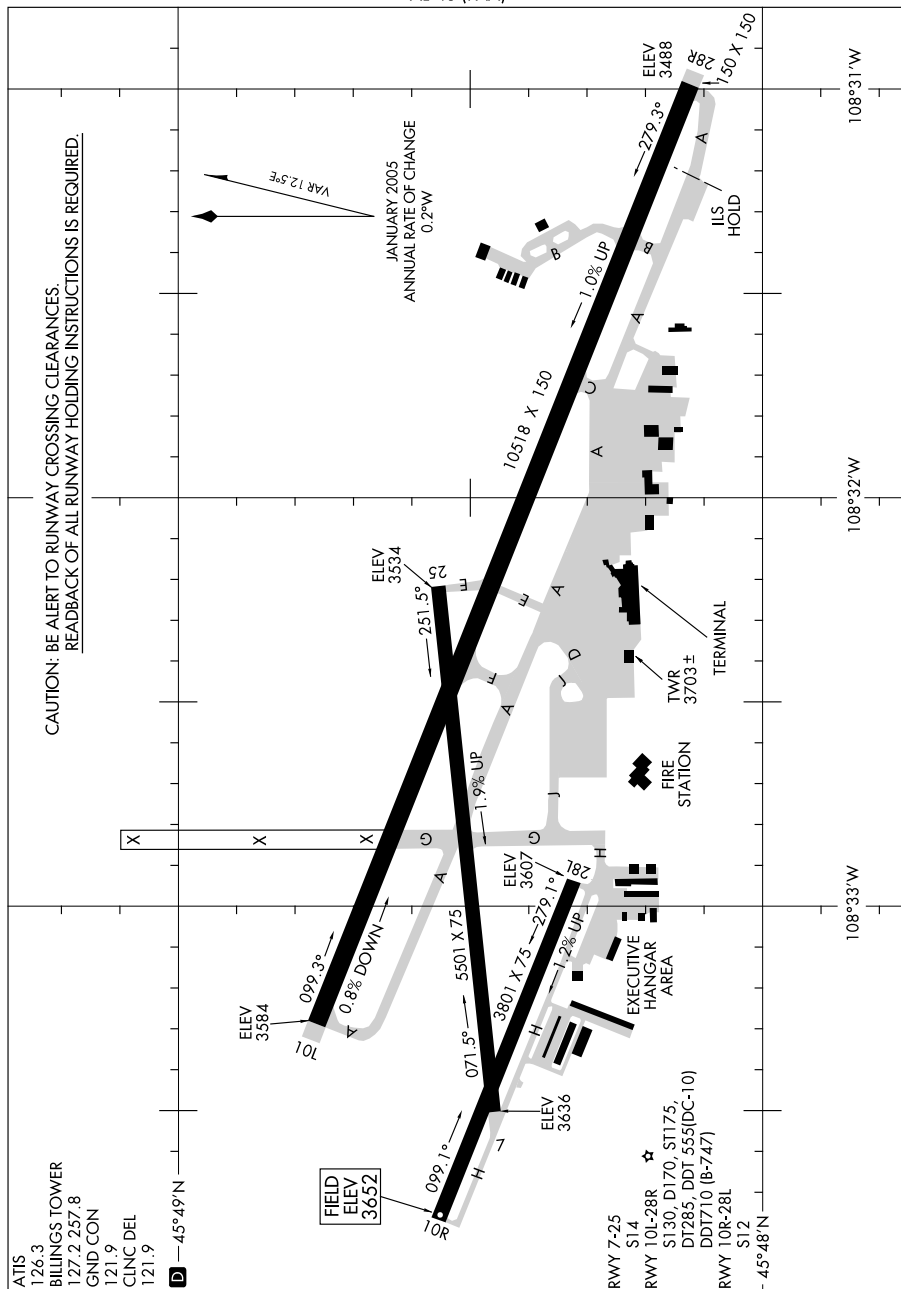
09127

BELLINGHAM, WASHINGTON
BELLINGHAM INTL (BLI)

09351

AIRPORT DIAGRAM

AL-48 (FAA)

BILLINGS LOGAN INTL (BIL)
BILLINGS, MONTANA

AIRPORT DIAGRAM

09351

BILLINGS, MONTANA
BILLINGS LOGAN INTL (BIL)

BOISE, IDAHO



NW, 17 DEC 2009 to 11 FEB 2010

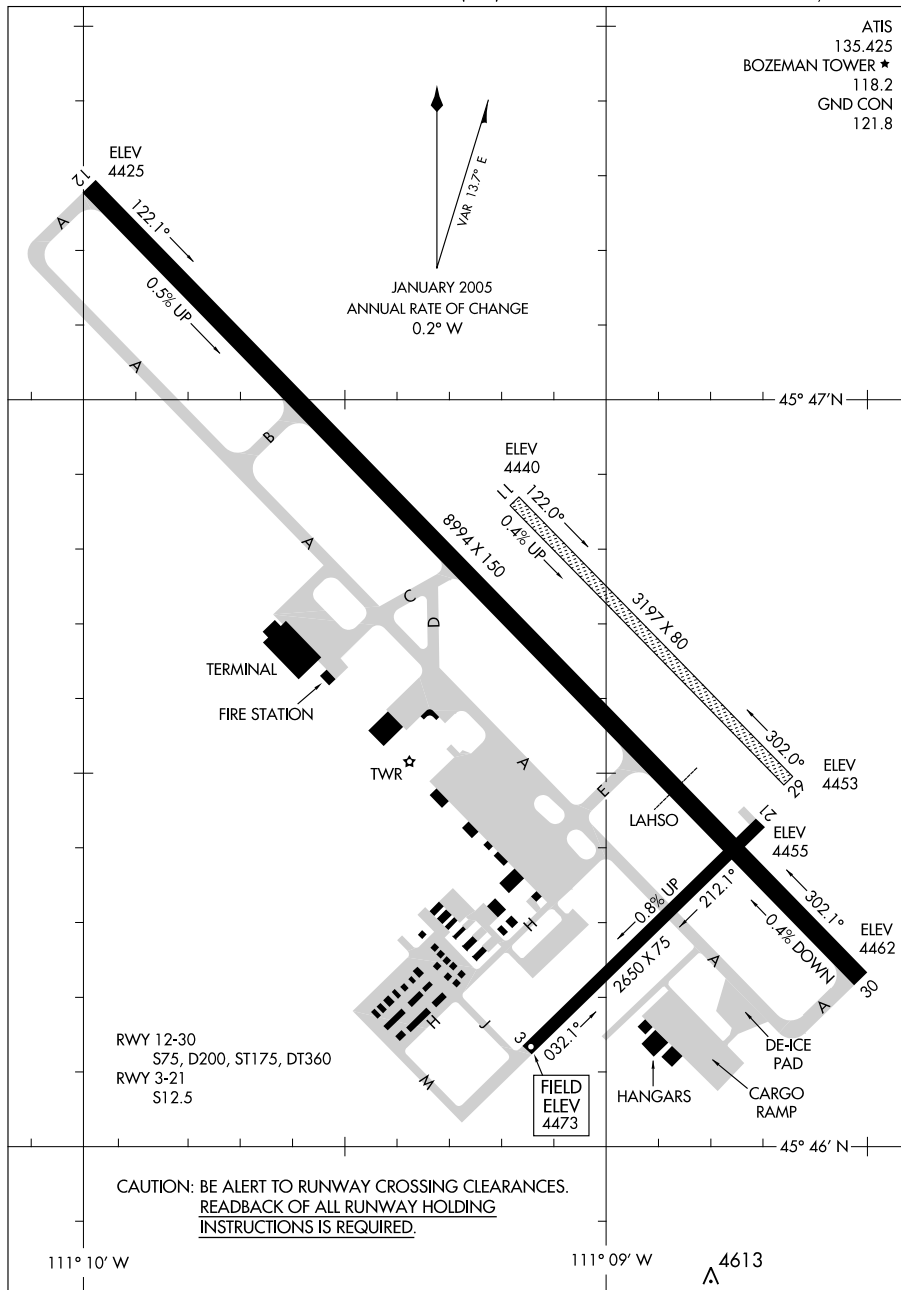
09239

AIRPORT DIAGRAM

AL-59 (FAA)

BOZEMAN/GALLATIN FIELD (BZN)

BOZEMAN, MONTANA



AIRPORT DIAGRAM

09239

BOZEMAN, MONTANA

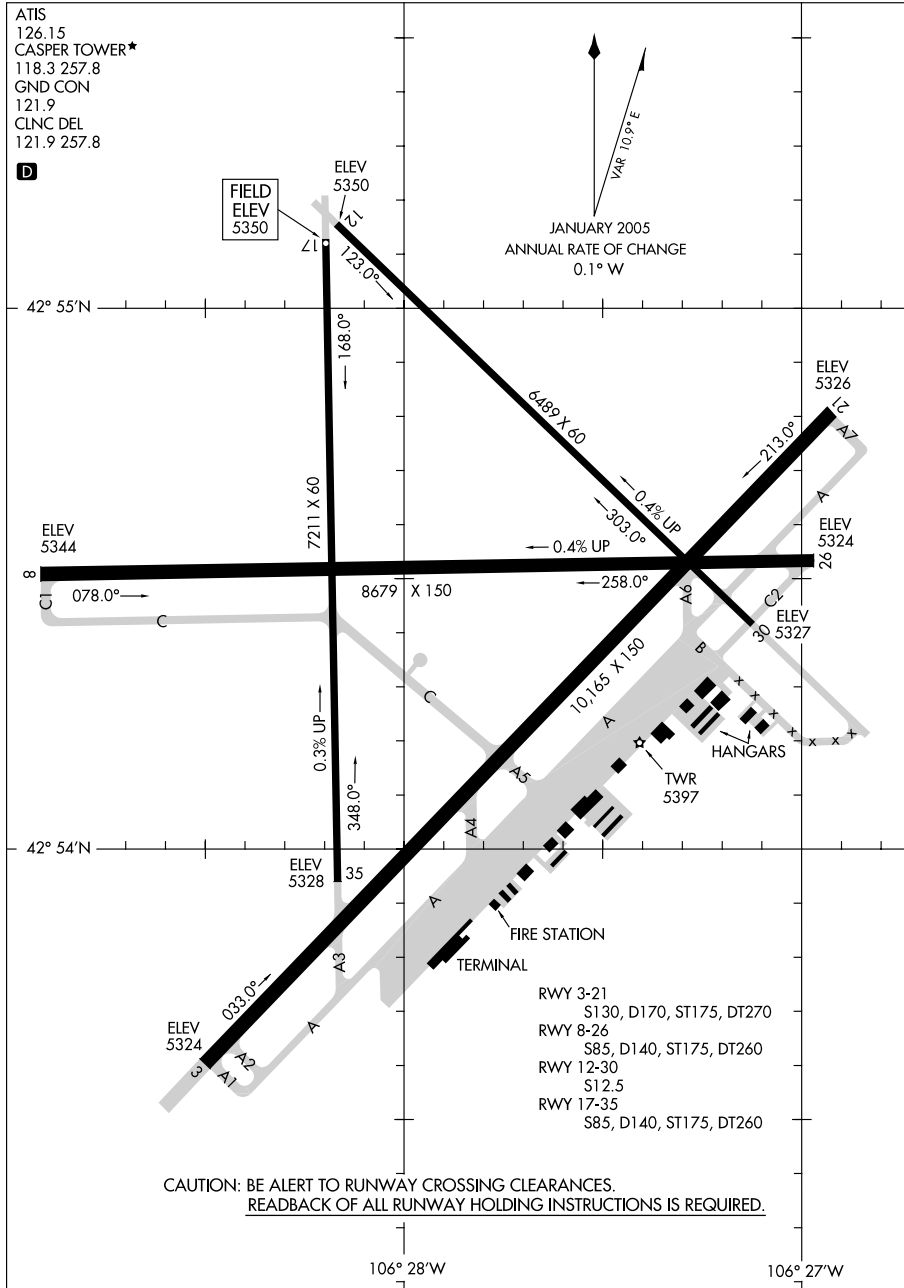
BOZEMAN/GALLATIN FIELD (BZN)

09351

AIRPORT DIAGRAM

CASPER/NATRONA COUNTY INTL (CPR)
CASPER, WYOMING

AL-72 (FAA)



AIRPORT DIAGRAM

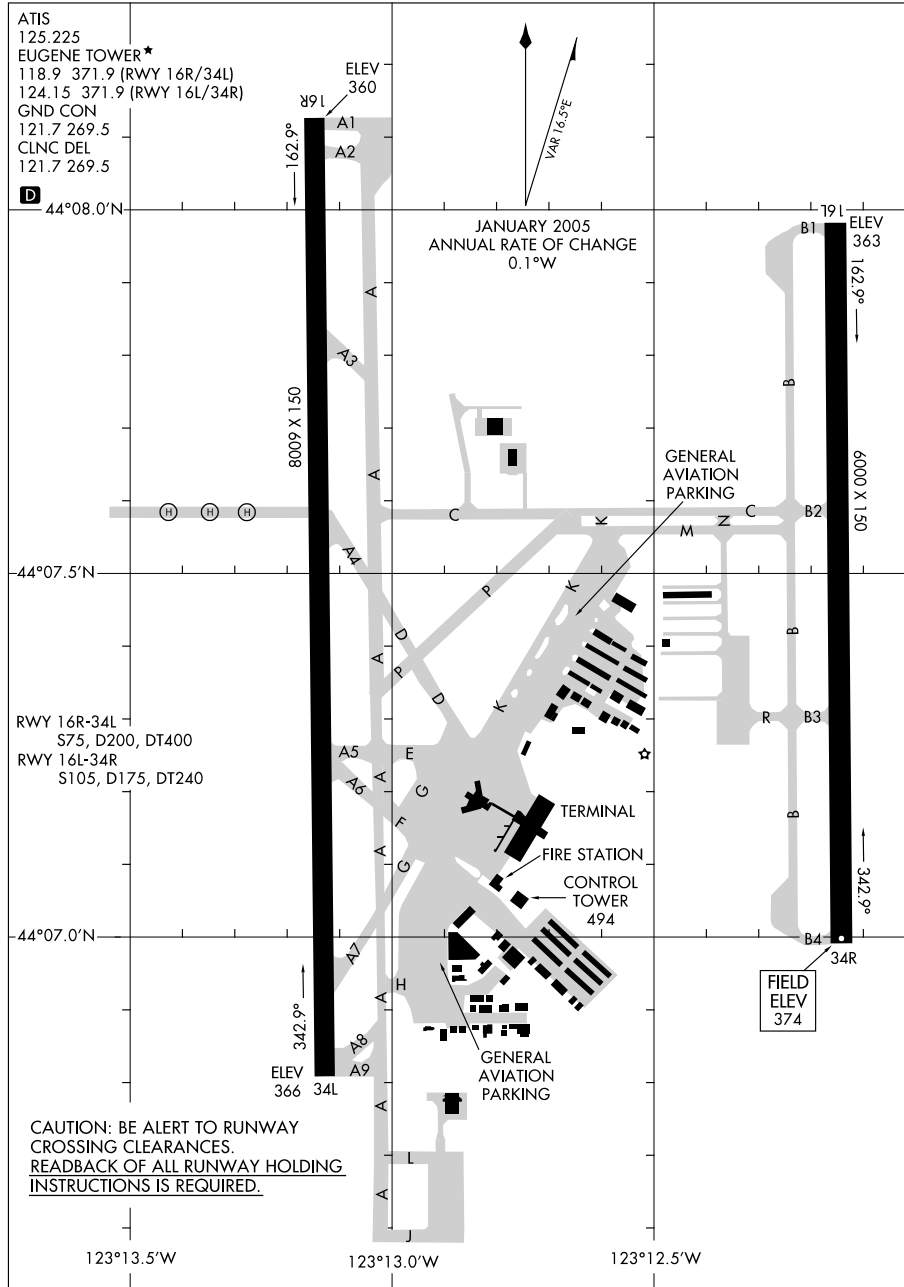
09351

CASPER, WYOMING
CASPER/NATRONA COUNTY INTL (CPR)

09351

AIRPORT DIAGRAM

AL-140 (FAA)

EUGENE/MAHLON SWEET FIELD (EUG)
EUGENE, OREGON

AIRPORT DIAGRAM

EUGENE, OREGON
EUGENE/MAHLON SWEET FIELD (EUG)

09351

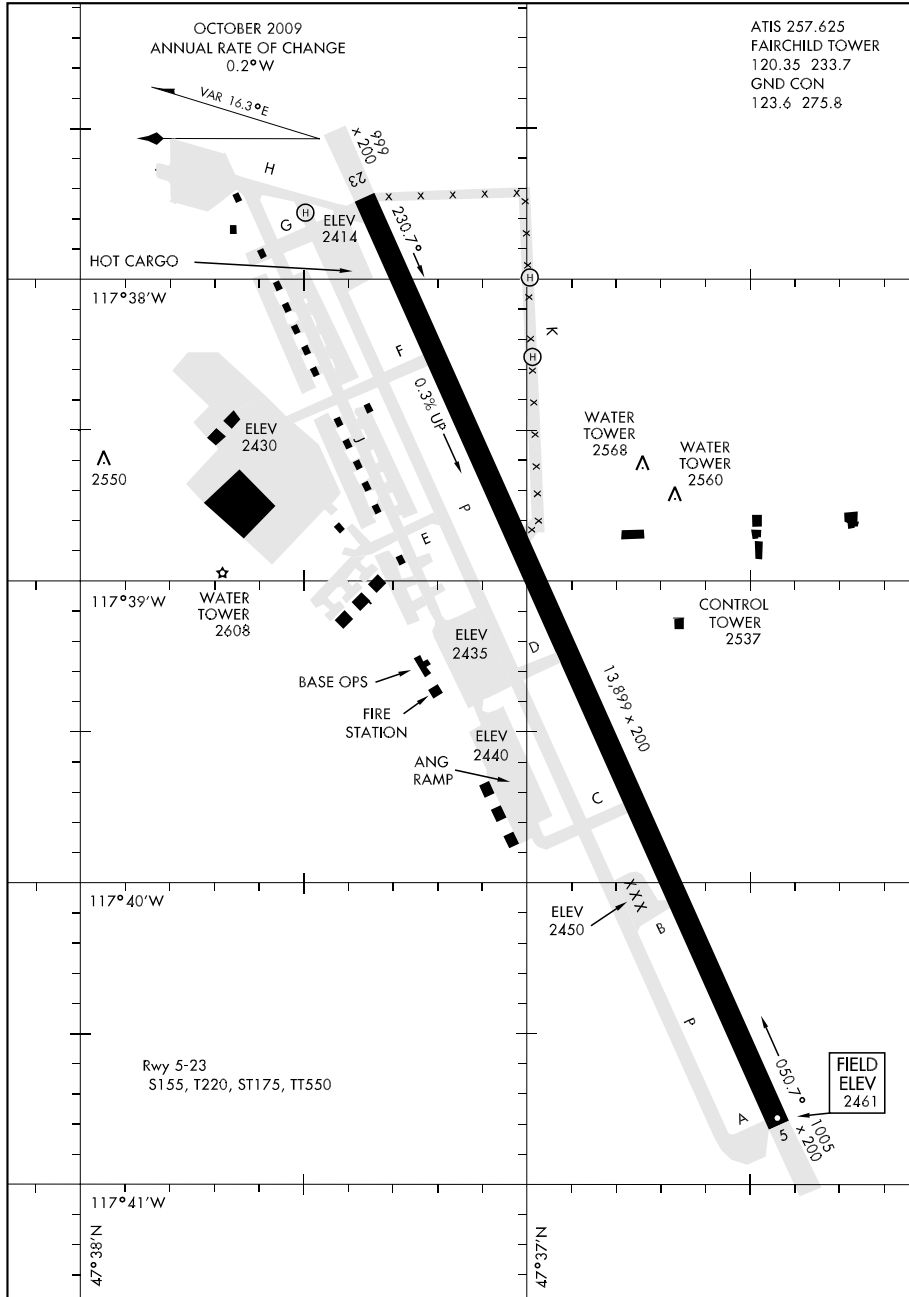
09295

AIRPORT DIAGRAM

AFD-553 [USAF]

FAIRCHILD AFB (KSKA)

SPOKANE, WASHINGTON

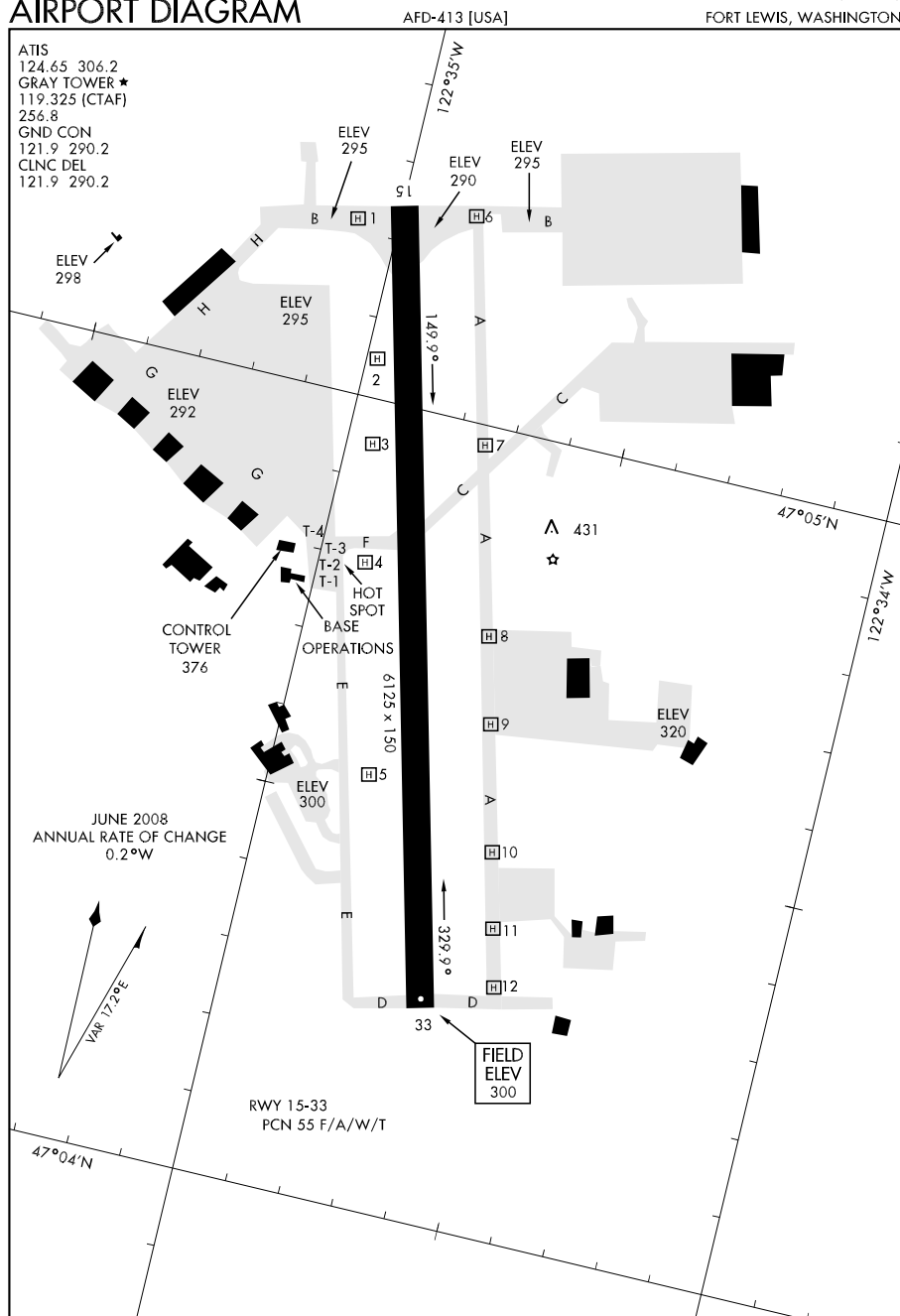


AIRPORT DIAGRAM

SPOKANE, WASHINGTON
FAIRCHILD AFB (KSKA)

08157

AIRPORT DIAGRAM

GRAY AAF (KGRF)
FORT LEWIS, WASHINGTON

AIRPORT DIAGRAM

FORT LEWIS, WASHINGTON
GRAY AAF (KGRF)

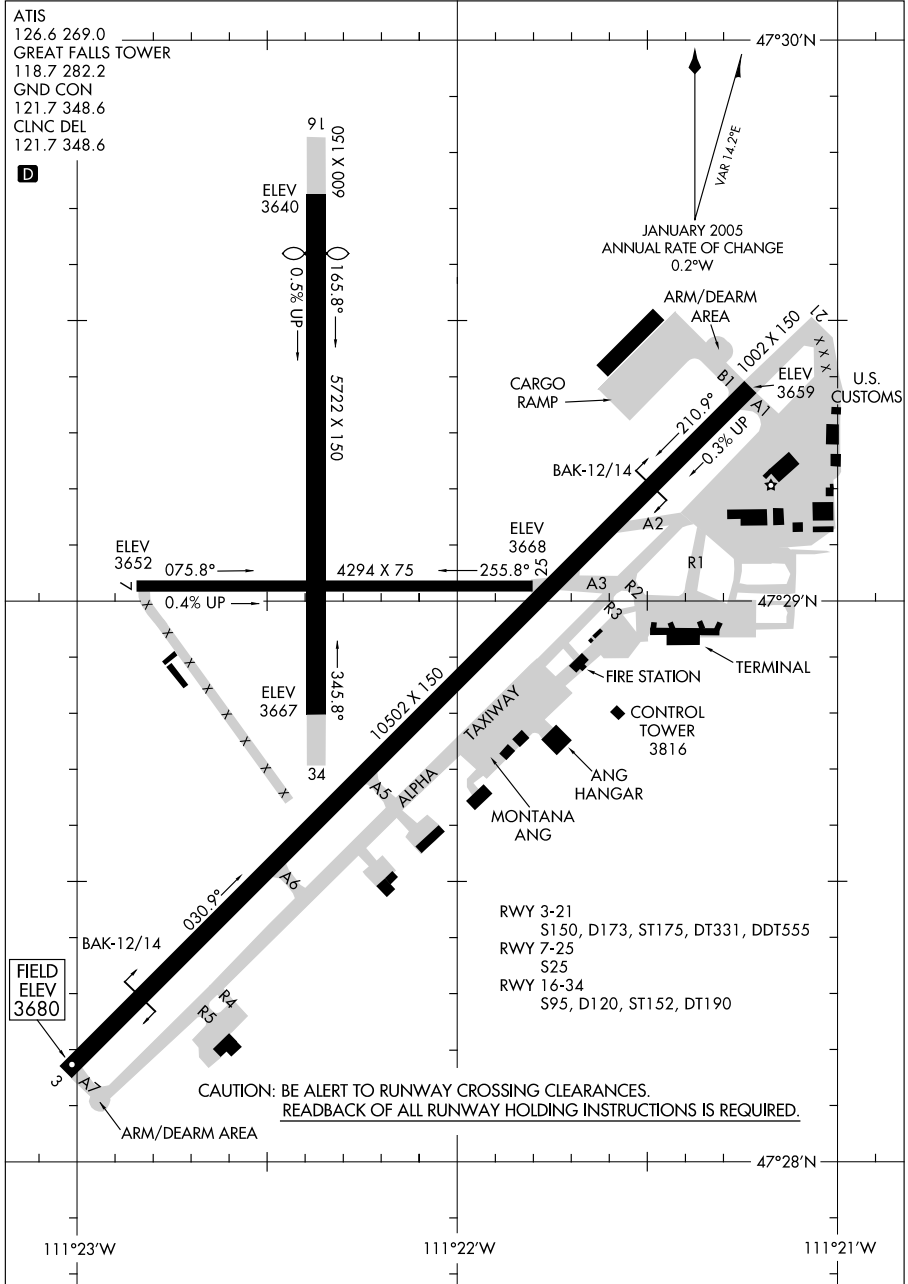
09015

AIRPORT DIAGRAM

AL-177 (FAA)

GREAT FALLS INTL (GTF')

GREAT FALLS, MONTANA



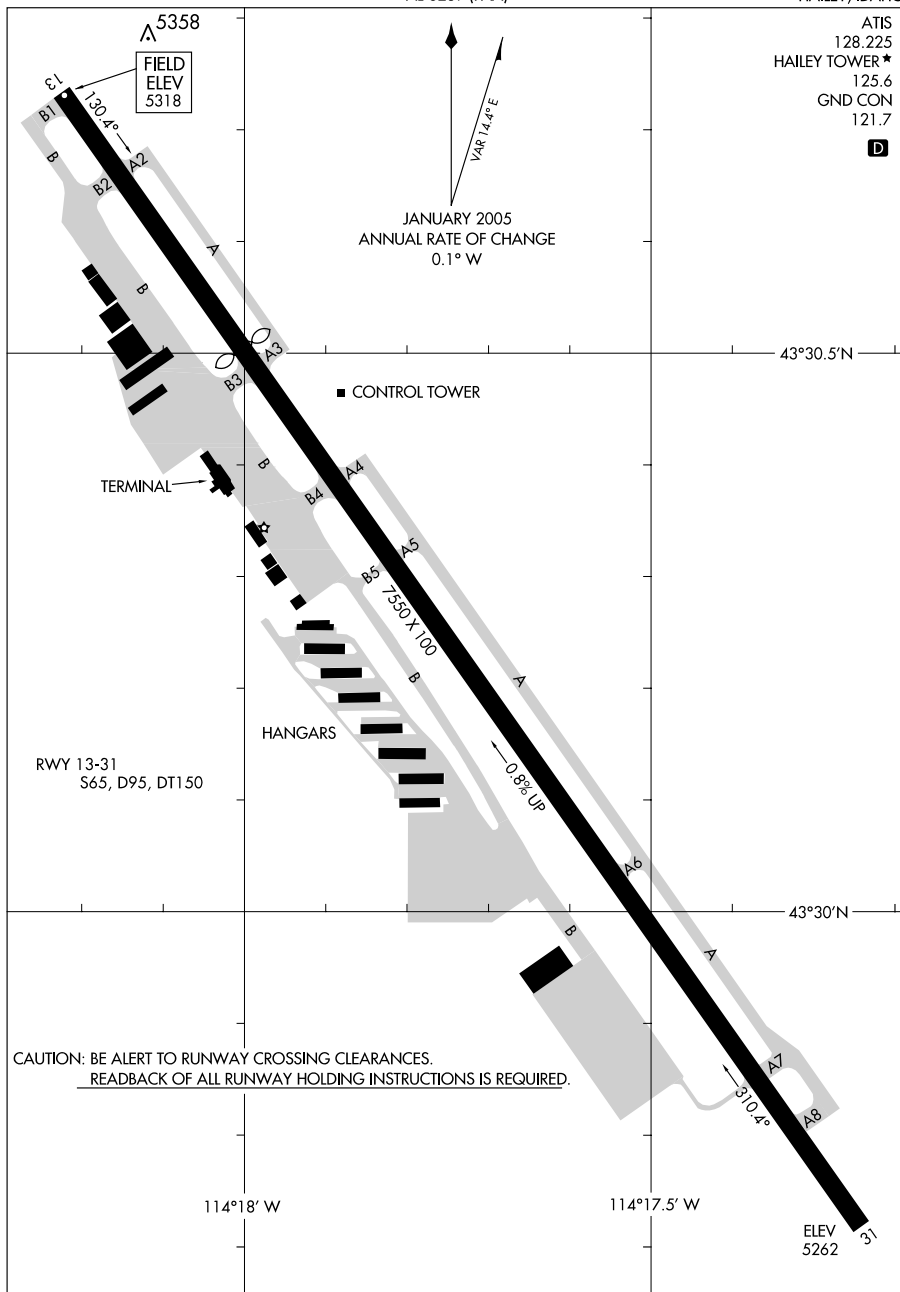
AIRPORT DIAGRAM

09015

GREAT FALLS, MONTANA
GREAT FALLS INTL (GTF')

09015

AIRPORT DIAGRAM

HAILEY/ FRIEDMAN MEMORIAL (SUN)
HAILEY, IDAHO

AIRPORT DIAGRAM

09015

HAILEY, IDAHO
HAILEY/ FRIEDMAN MEMORIAL (SUN)

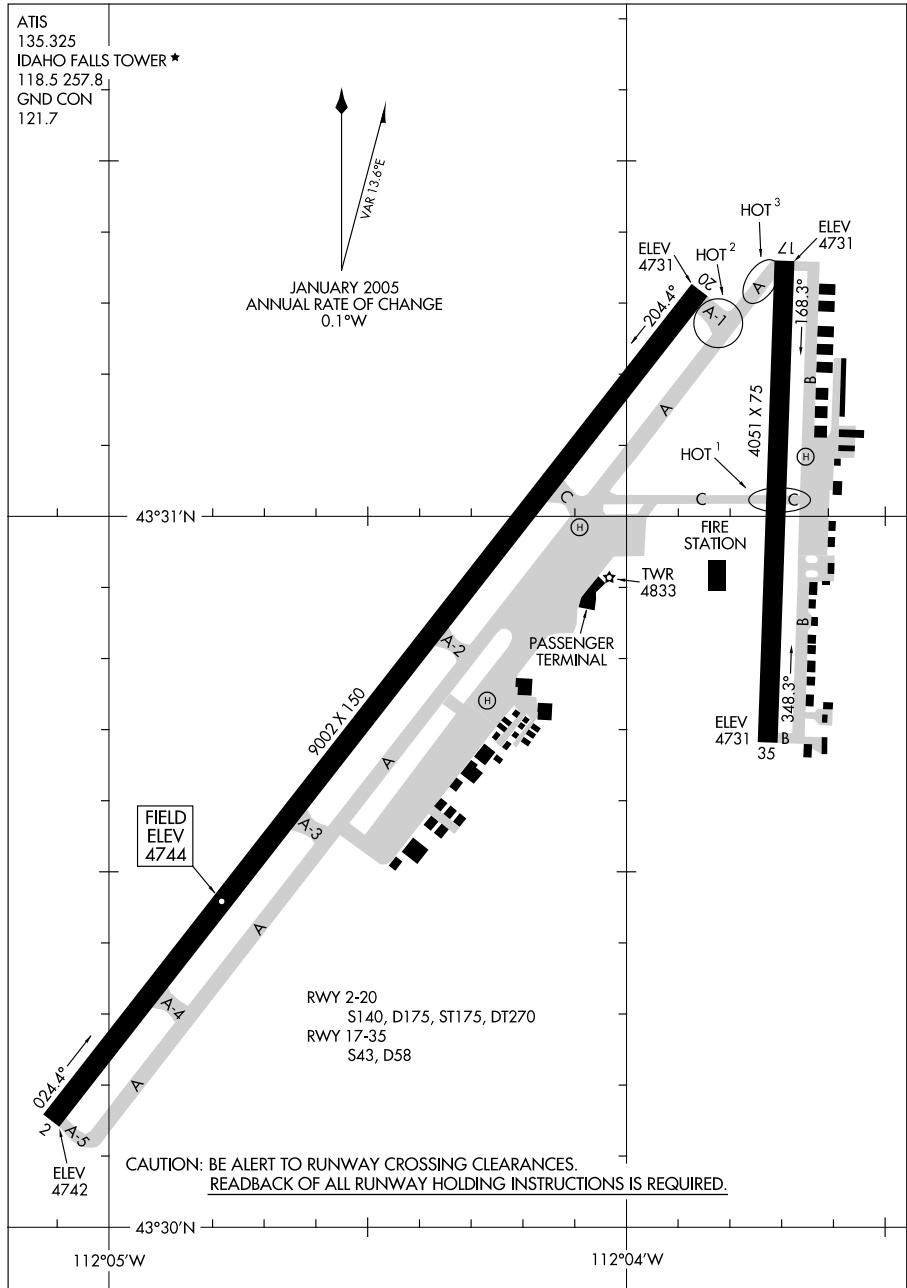
09183

AIRPORT DIAGRAM

AL-590 (FAA)

IDAHO FALLS RGNL (IDA)

IDAHO FALLS, IDAHO



AIRPORT DIAGRAM

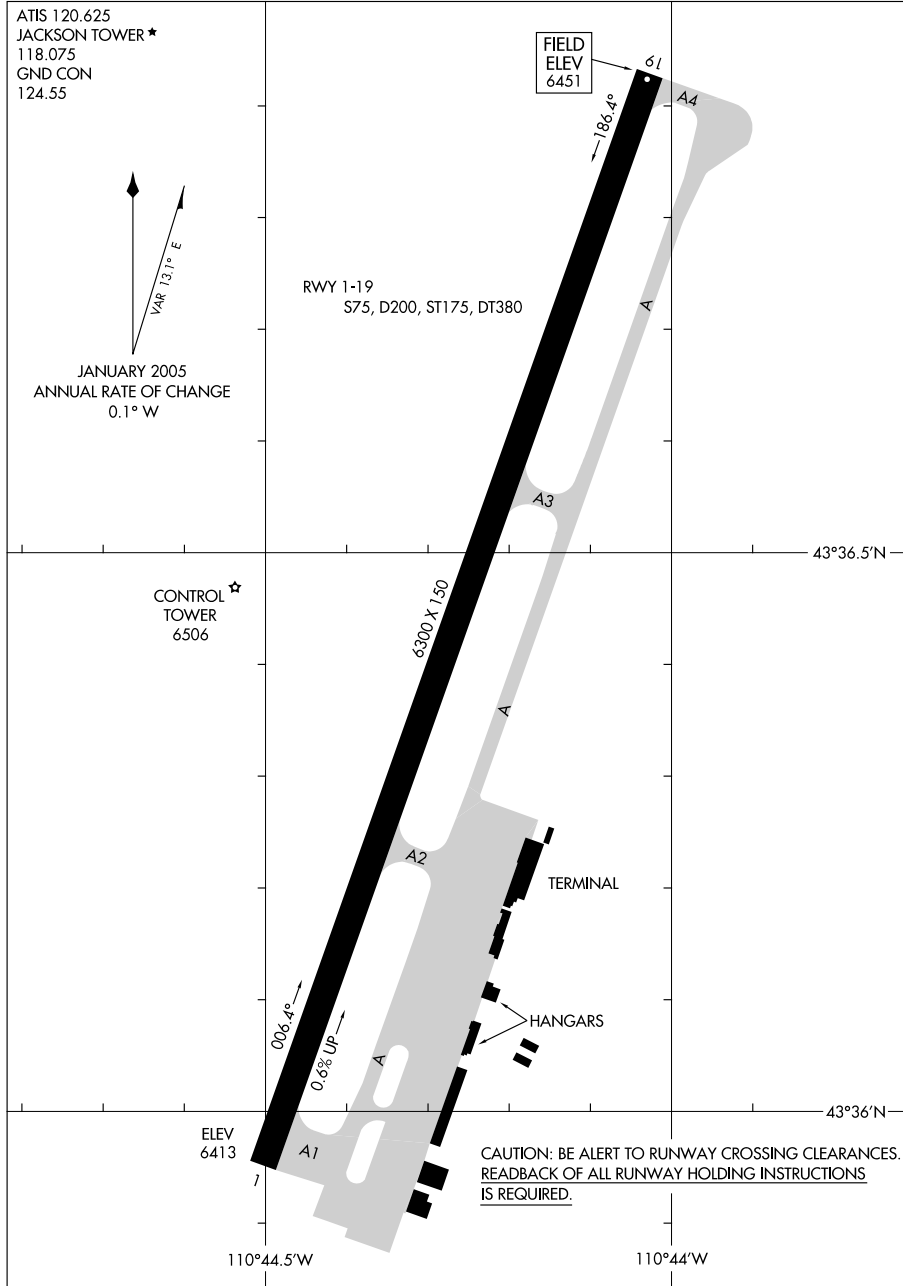
IDAHO FALLS, IDAHO
IDAHO FALLS RGNL (IDA)

09183

08157

AIRPORT DIAGRAM

AL-504 (FAA)

JACKSON HOLE (JAC)
JACKSON, WYOMING

AIRPORT DIAGRAM

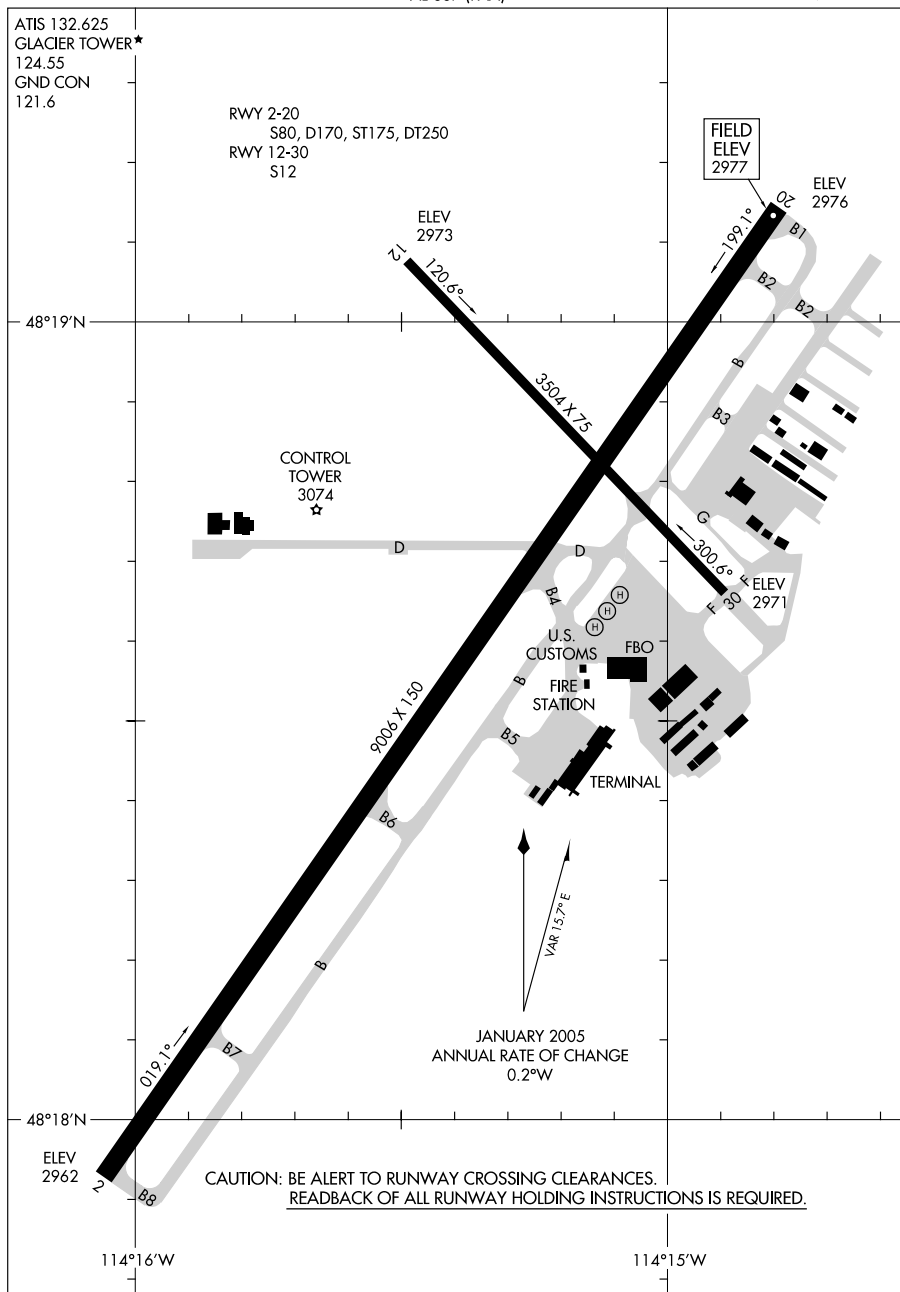
JACKSON, WYOMING
JACKSON HOLE (JAC)

08157

07354

AIRPORT DIAGRAM

AL-887 (FAA)

KALISPELL/GLACIER PARK INTL (GPI)
KALISPELL, MONTANA

AIRPORT DIAGRAM

07354

KALISPELL, MONTANA
KALISPELL/GLACIER PARK INTL (GPI)

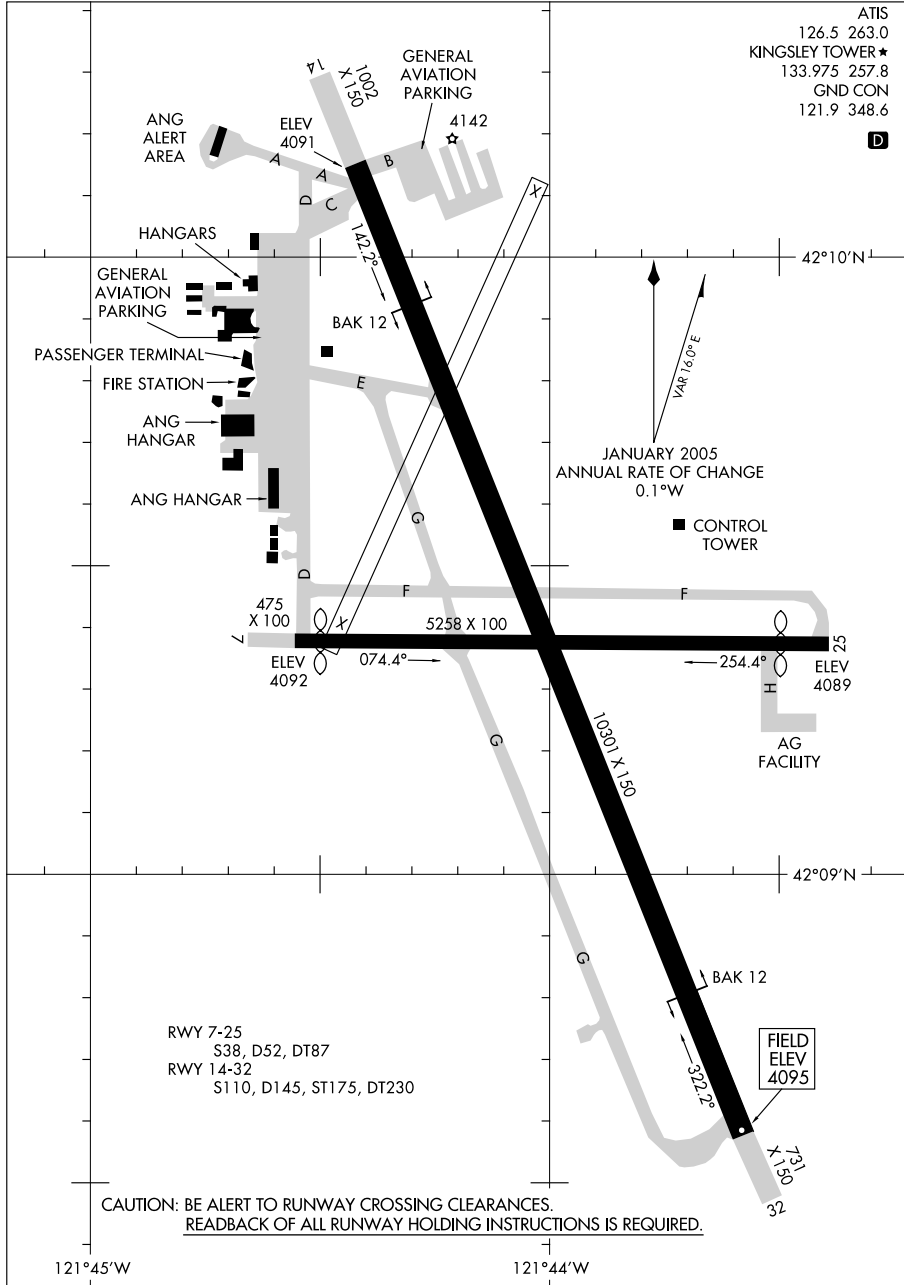
09127

AIRPORT DIAGRAM

AL-473 (FAA)

KLAMATH FALLS (LMT)

KLAMATH FALLS, OREGON



AIRPORT DIAGRAM

09127

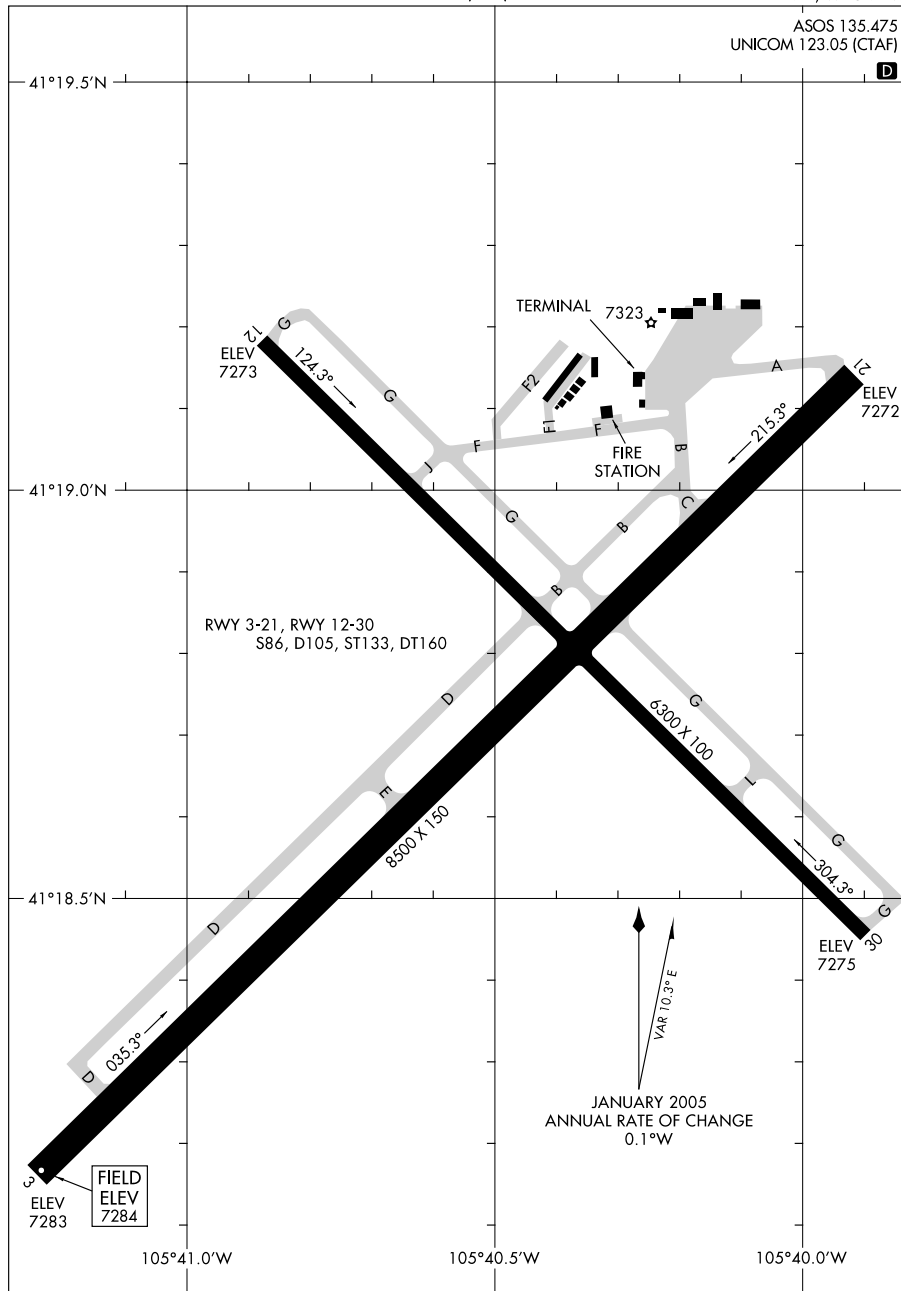
KLAMATH FALLS, OREGON

KLAMATH FALLS (LMT)

09351

AIRPORT DIAGRAM

AL-225 (FAA)

LARAMIE RGNL (LAR)
LARAMIE, WYOMINGASOS 135.475
UNICOM 123.05 (CTAF)

AIRPORT DIAGRAM

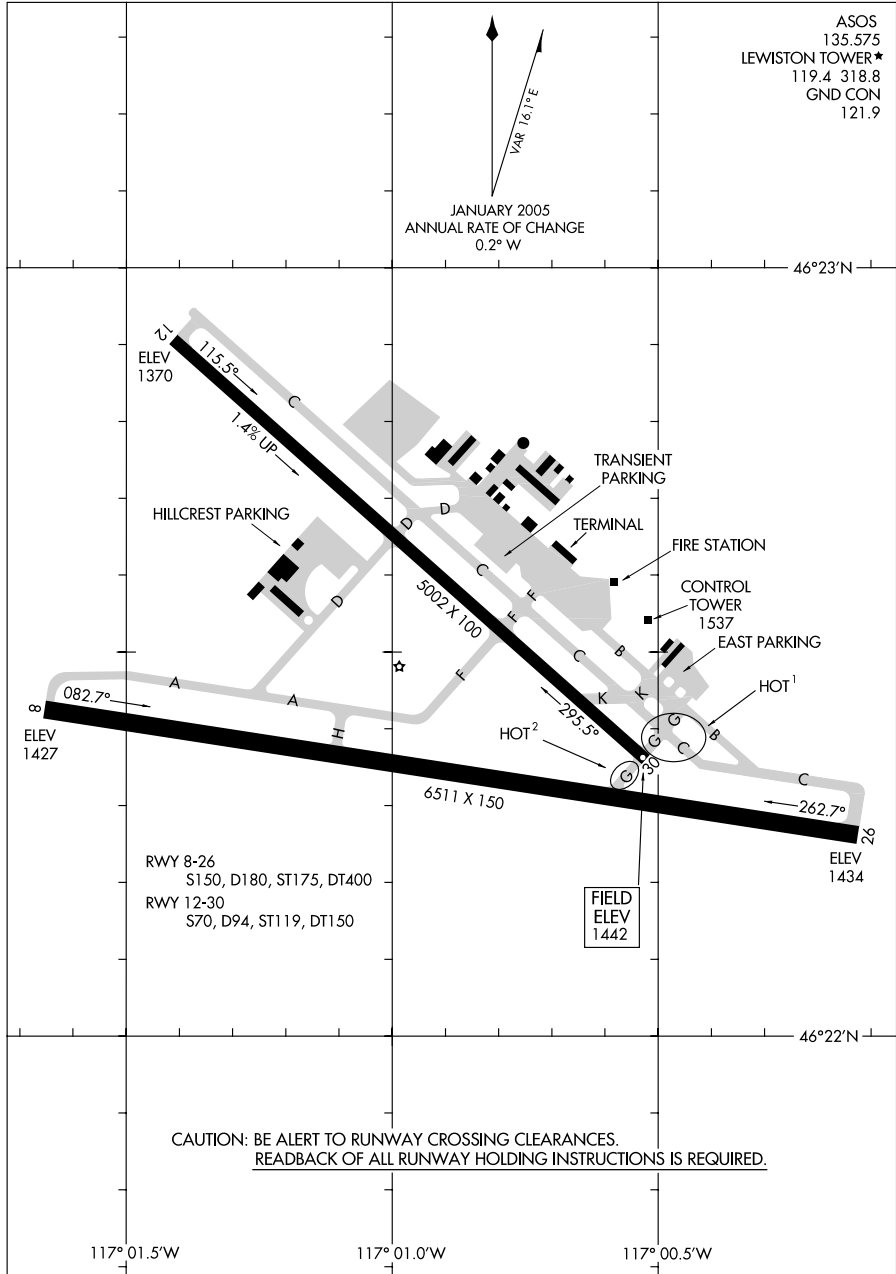
09351

LARAMIE, WYOMING
LARAMIE RGNL (LAR)

09295

AIRPORT DIAGRAM

LEWISTON-NEZ PERCE COUNTY (LWS)
LEWISTON, IDAHO



AIRPORT DIAGRAM

09295

LEWISTON, IDAHO
LEWISTON-NEZ PERCE COUNTY (LWS)

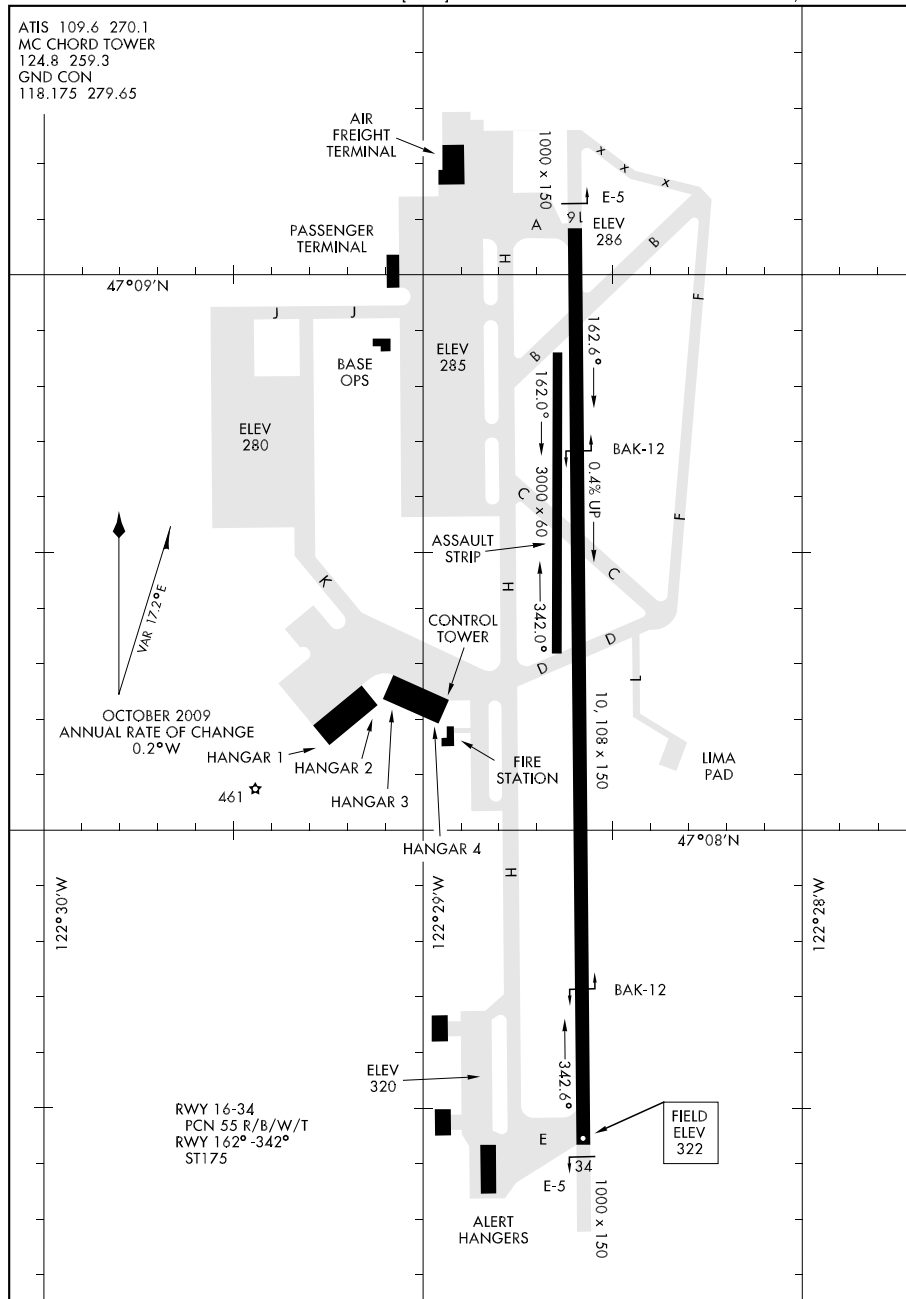
09295

AIRPORT DIAGRAM

[USAF] AFD-414

MC CHORD AFB (KTCM)

TACOMA, WASHINGTON



AIRPORT DIAGRAM

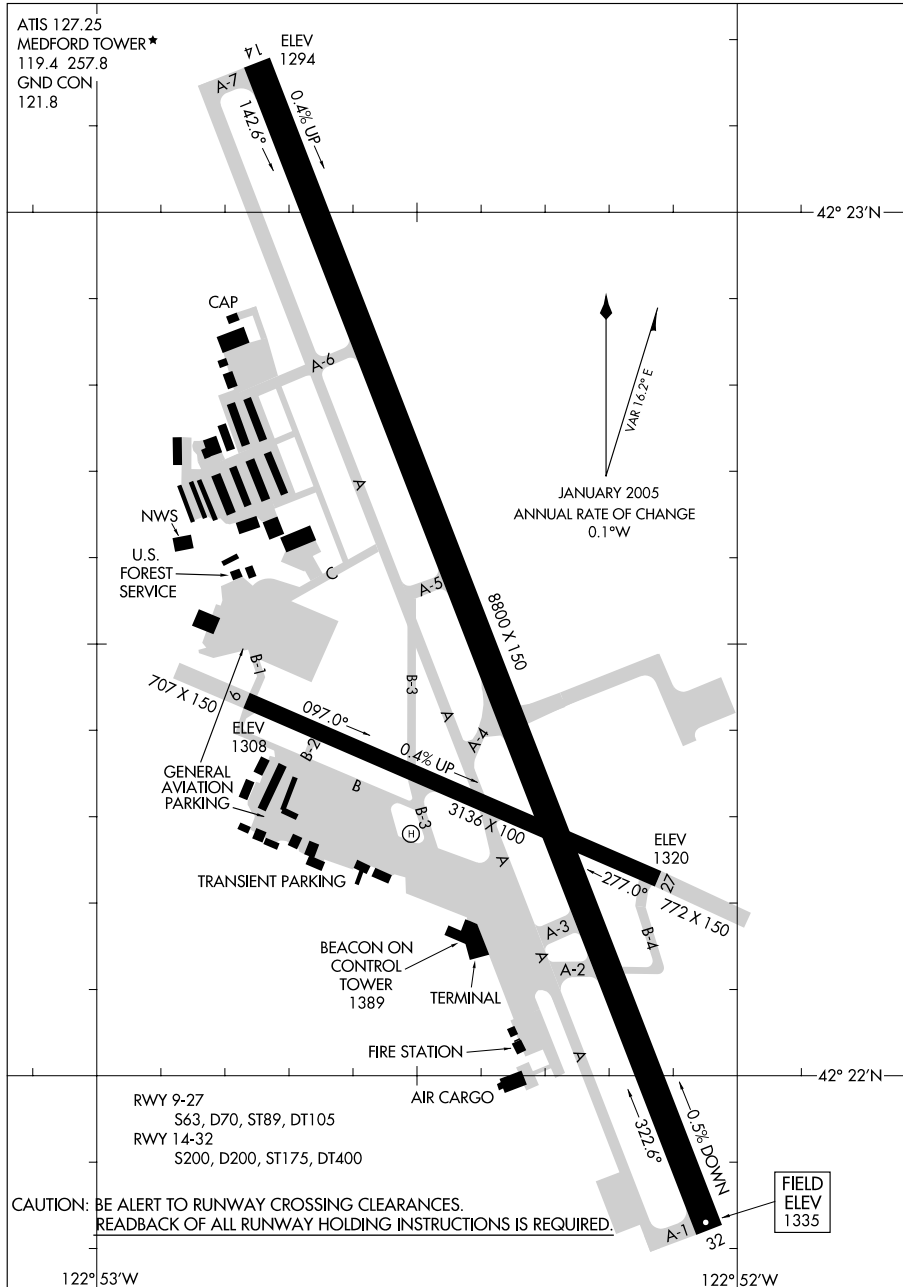
TACOMA, WASHINGTON

MC CHORD AFB (KTCM)

06215

AIRPORT DIAGRAM

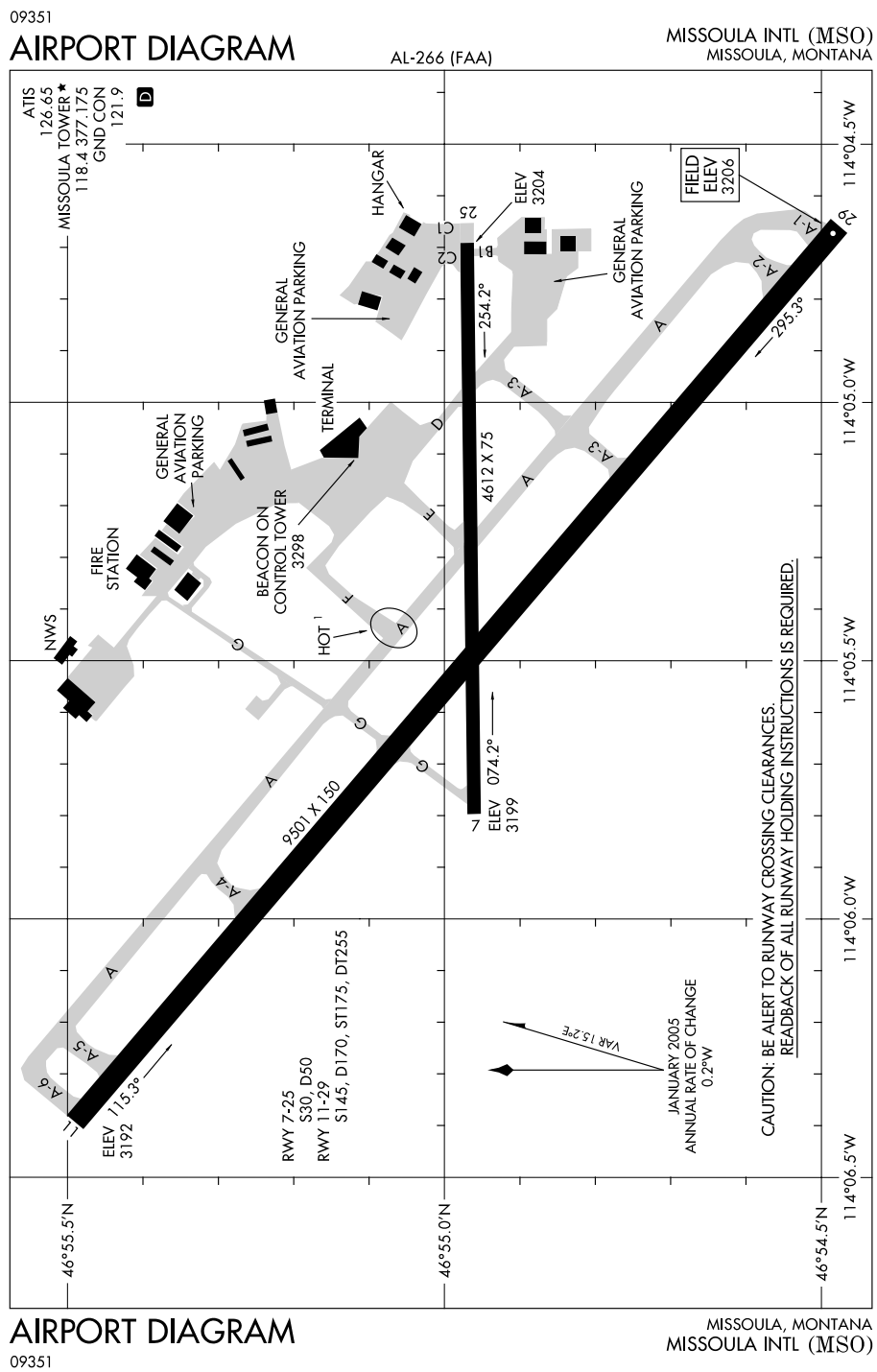
MEDFORD/ ROGUE VALLEY INTL-MEDFORD (MFR)
AL-251 (FAA) MEDFORD, OREGON



AIRPORT DIAGRAM

06215

MEDFORD, OREGON
MEDFORD/ ROGUE VALLEY INTL-MEDFORD (MFR)



AIRPORT DIAGRAM

09351

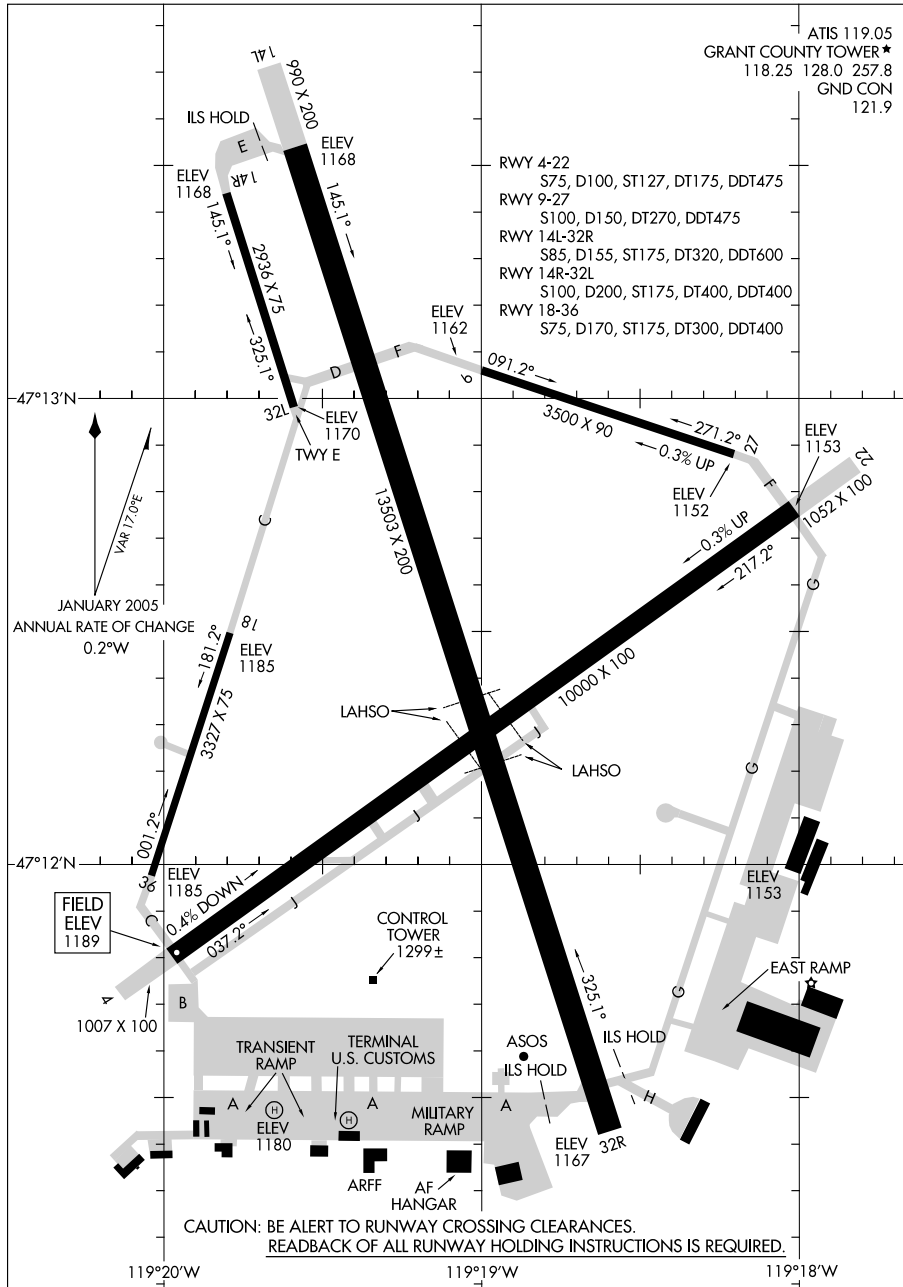
08157

AIRPORT DIAGRAM

MOSES LAKE/GRANT COUNTY INTL (MWH)

AL-961 (FAA)

MOSES LAKE, WASHINGTON



AIRPORT DIAGRAM

08157

MOSES LAKE, WASHINGTON
MOSES LAKE/GRANT COUNTY INTL (MWH)

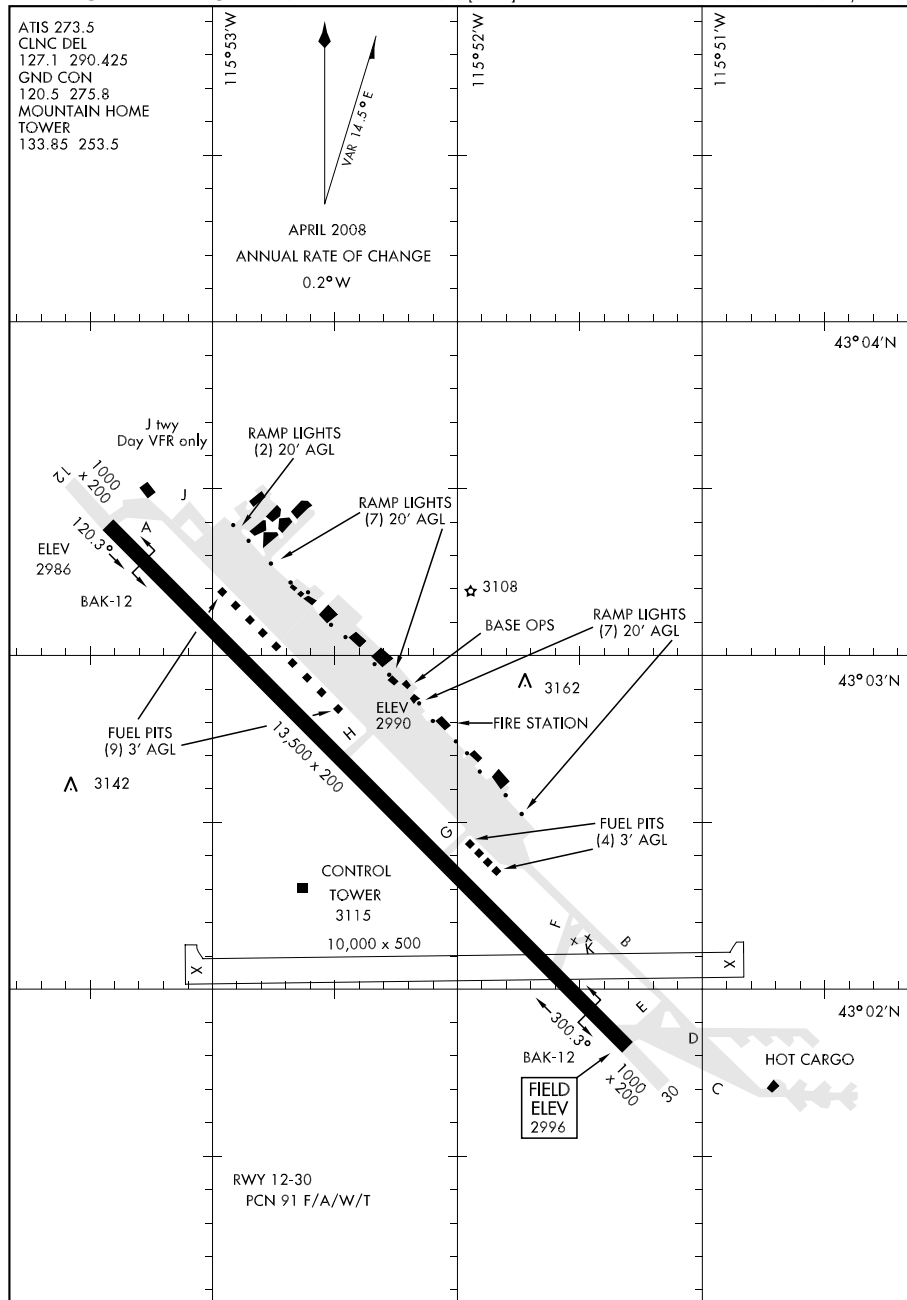
08101

AIRPORT DIAGRAM

AFD-323 [USAF]

MOUNTAIN HOME AFB (KMUO)

MOUNTAIN HOME, IDAHO

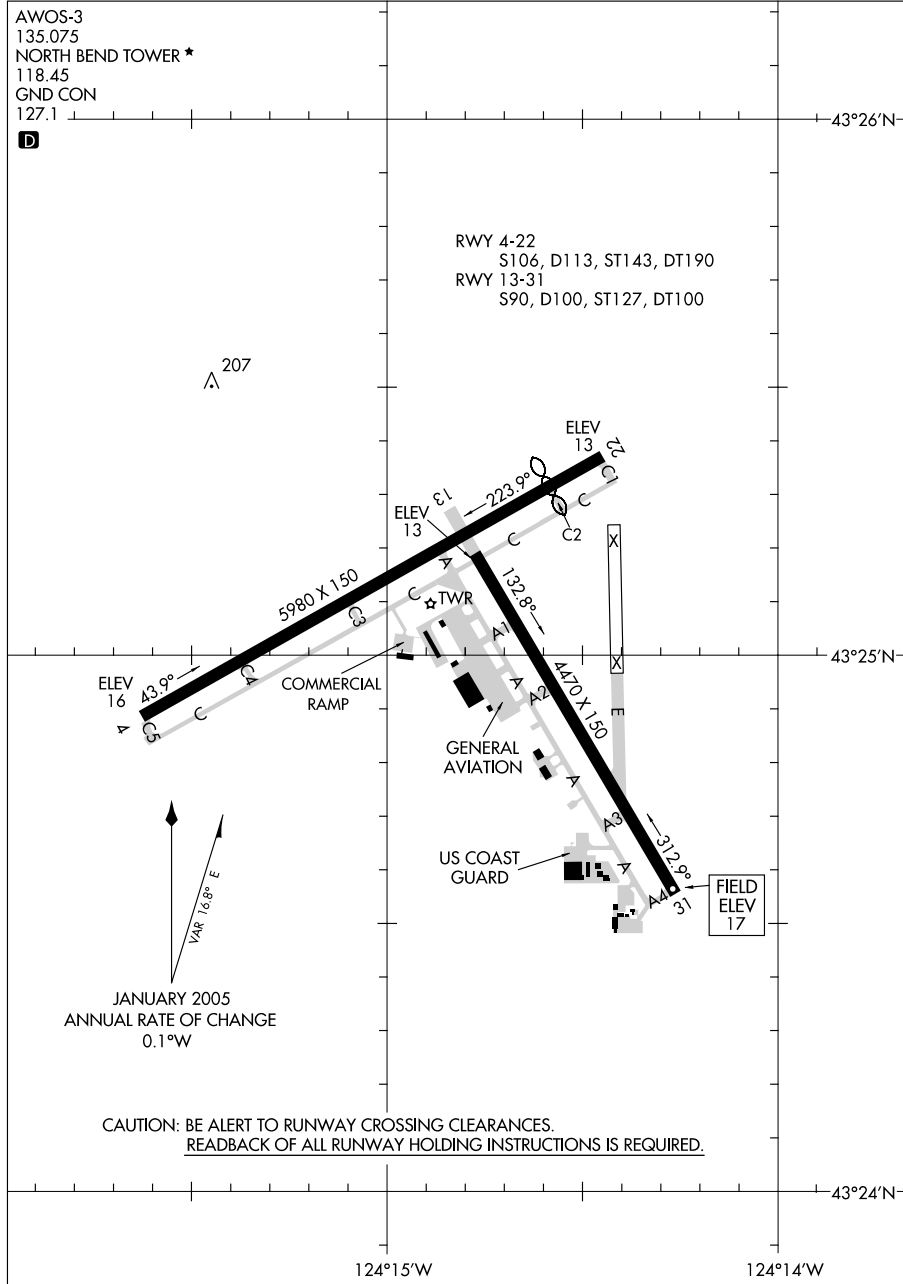


AIRPORT DIAGRAM

 MOUNTAIN HOME, IDAHO
 MOUNTAIN HOME AFB (KMUO)

09351

AIRPORT DIAGRAM

NORTH BEND/SOUTHWEST OREGON RGNL (OTH)
AL-929 (FAA) NORTH BEND, OREGON

AIRPORT DIAGRAM

09351

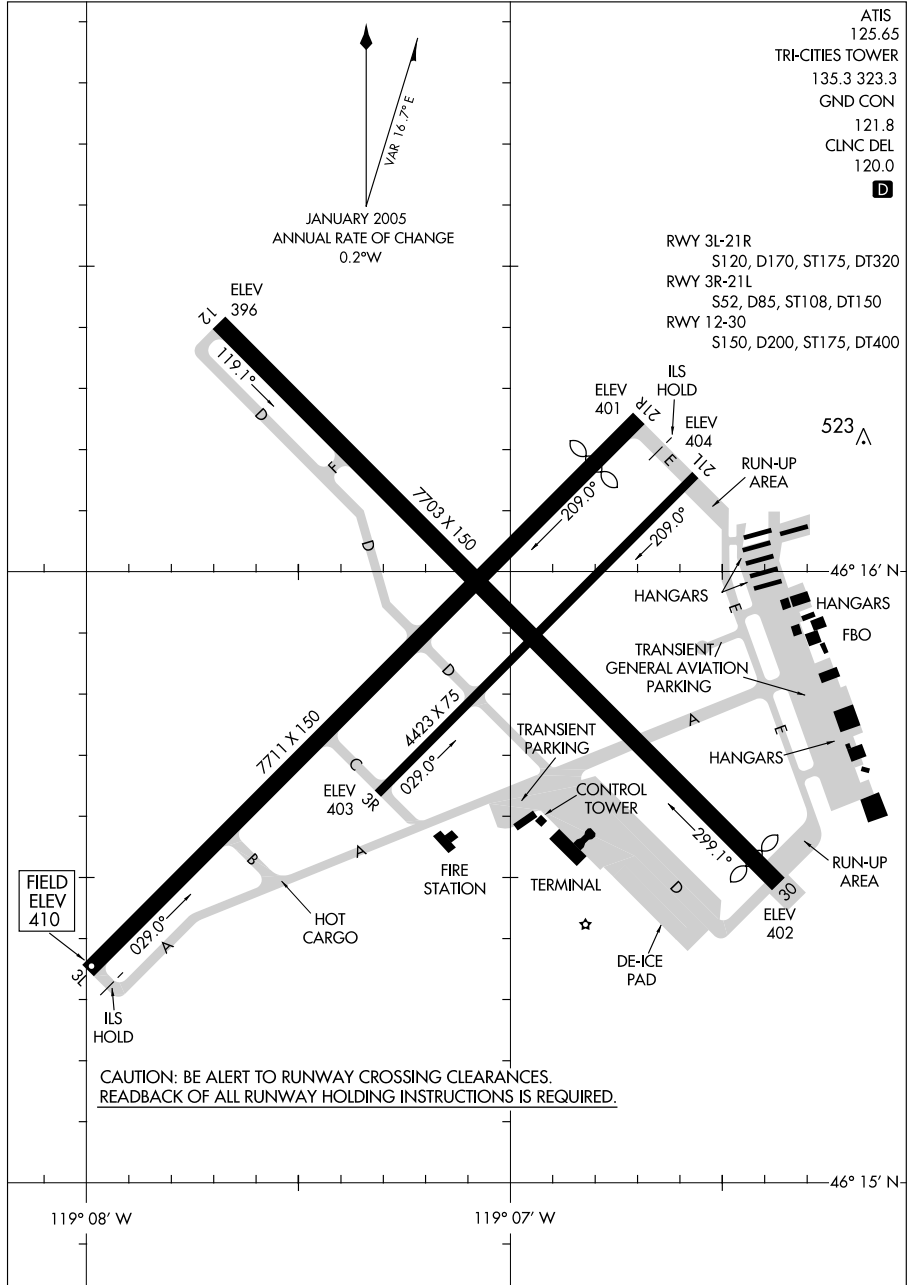
NORTH BEND, OREGON
NORTH BEND/SOUTHWEST OREGON RGNL (OTH)

09015

AIRPORT DIAGRAM

AL-474 (FAA)

PASCO/TRI-CITIES (PSC)
PASCO, WASHINGTON



AIRPORT DIAGRAM

09015

PASCO, WASHINGTON
PASCO/TRI-CITIES (PSC)

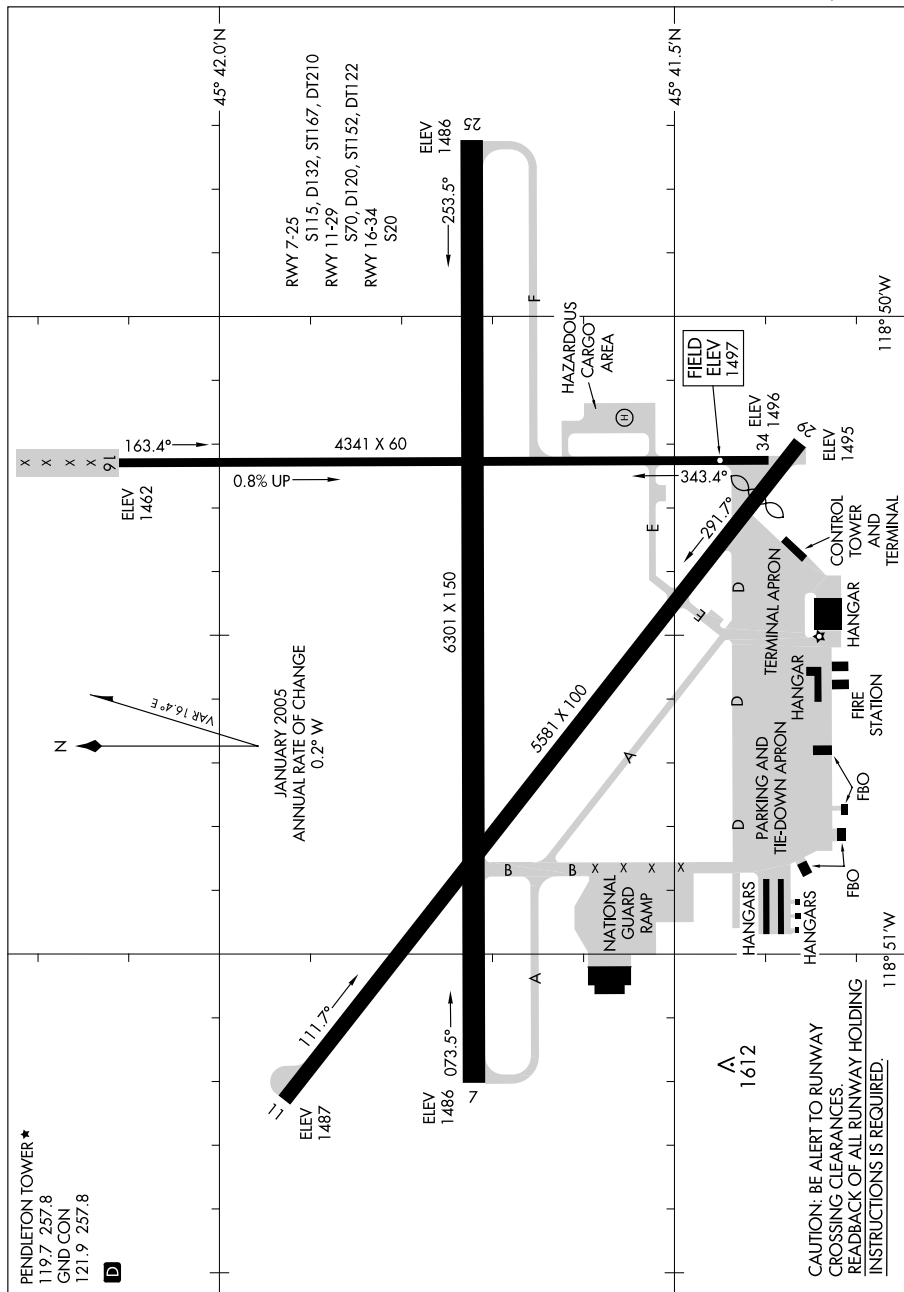
09015

AIRPORT DIAGRAM

PENDLETON/ EASTERN OREGON RGNL AT PENDLETON (PDT)

AL-316 (FAA)

PENDLETON, OREGON



AIRPORT DIAGRAM

09015

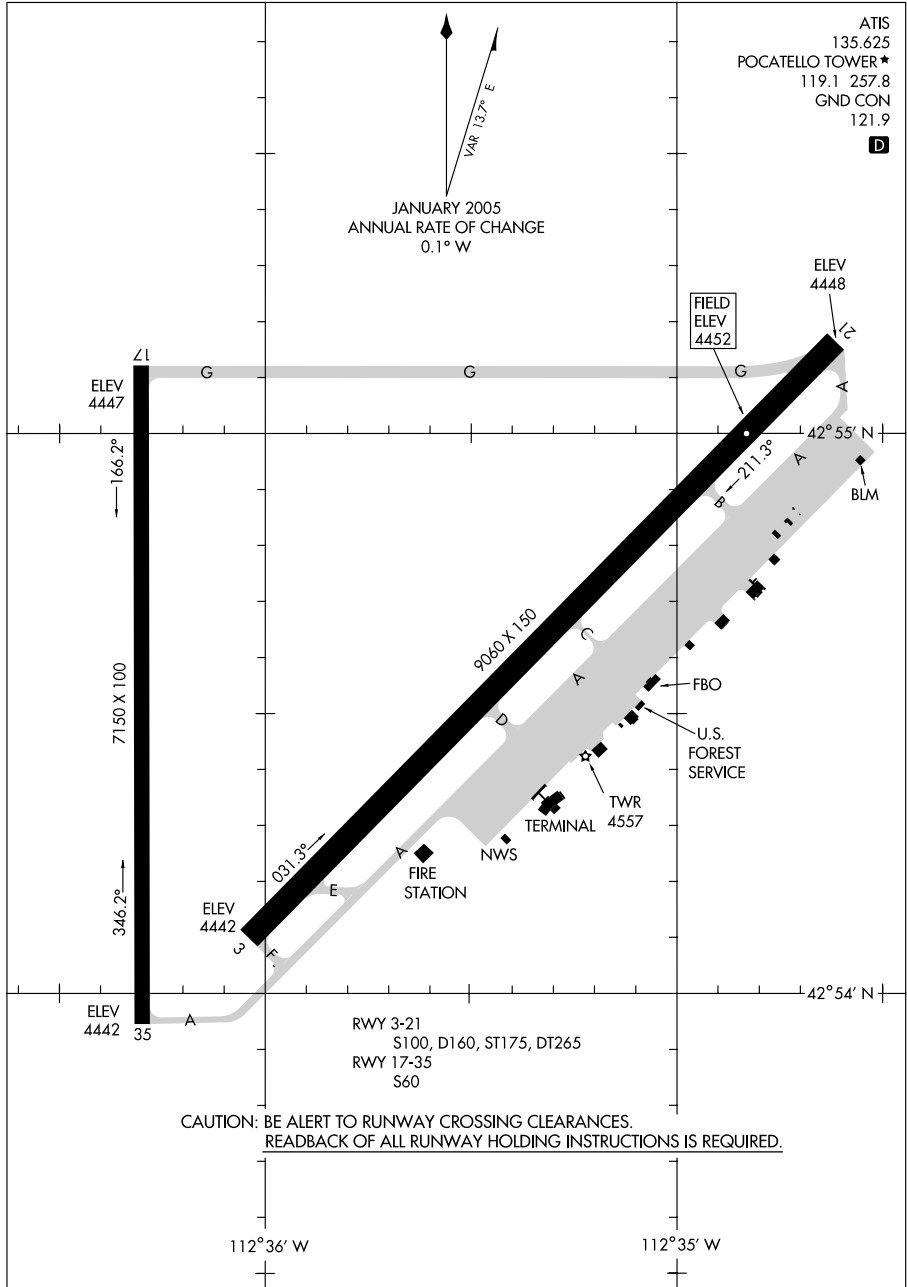
PENDLETON, OREGON
PENDLETON/ EASTERN OREGON RGNL AT PENDLETON (PDT)

NW, 17 DEC 2009 to 11 FEB 2010

09351

AIRPORT DIAGRAM

POCATELLO RGNL (PIH)
POCATELLO, IDAHO



AIRPORT DIAGRAM

09351

POCATELLO, IDAHO
POCATELLO RGNL (PIH)

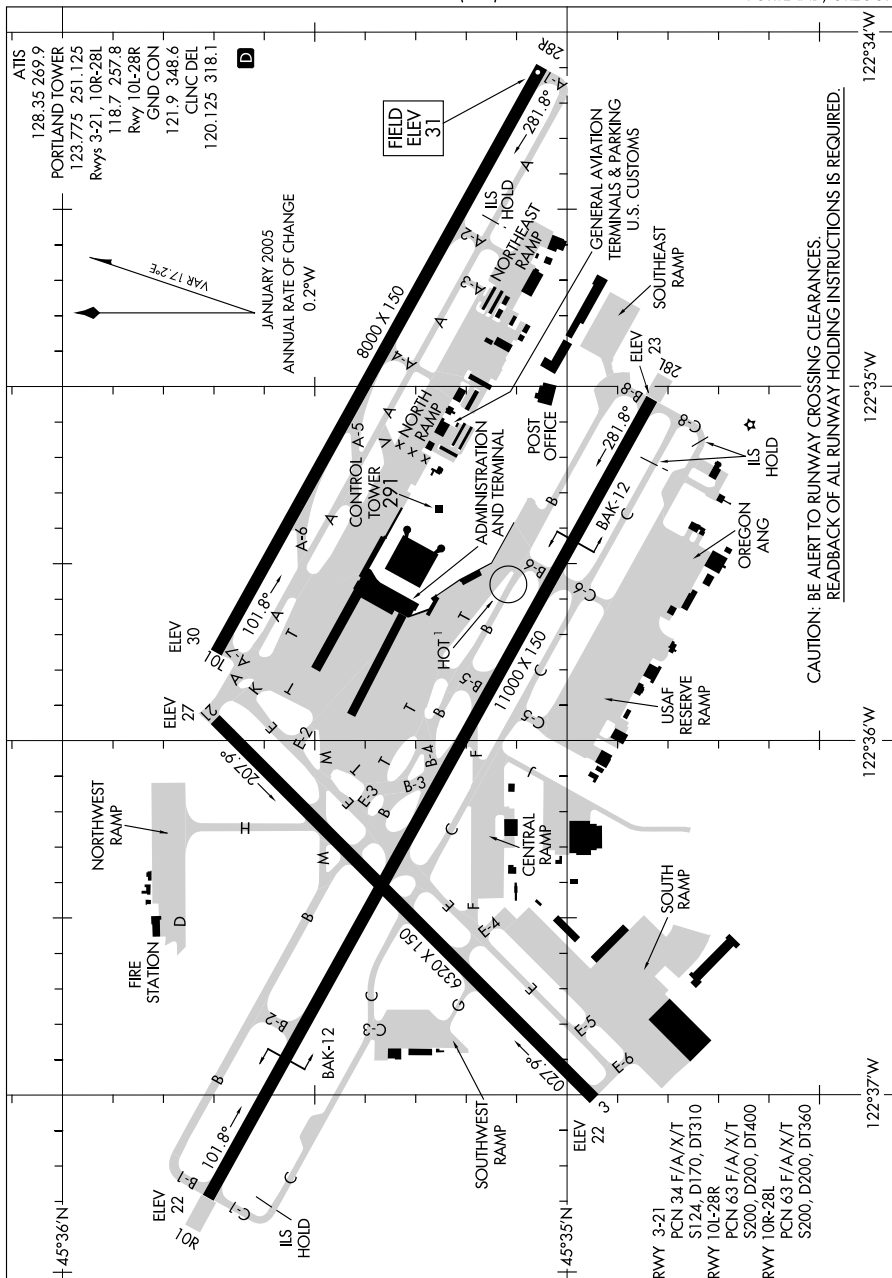
09351

AIRPORT DIAGRAM

AL-330 (FAA)

PORTLAND INTL (PDX)

PORTLAND, OREGON



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
 READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

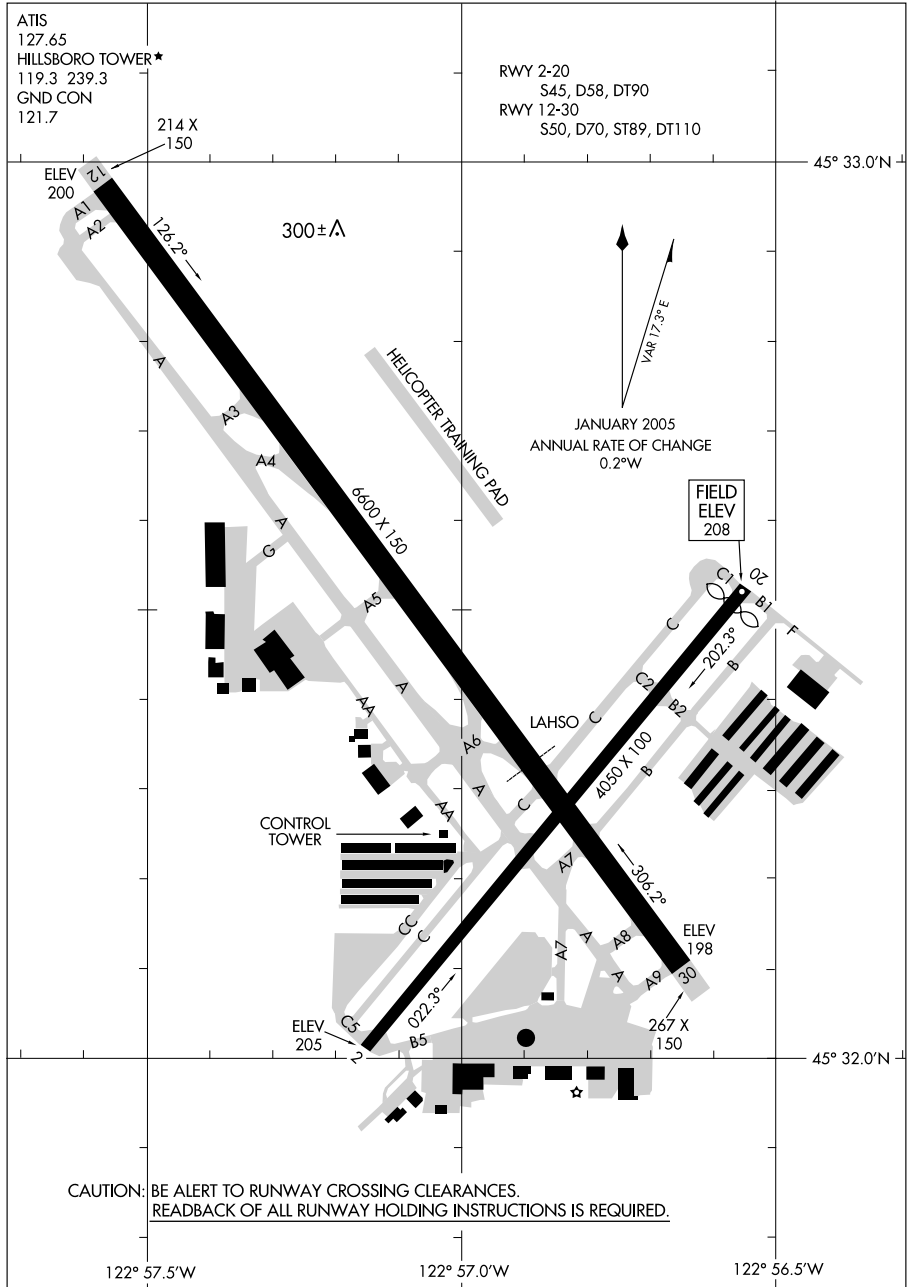
PORTLAND, OREGON
 PORTLAND INTL (PDX)

09351

09351

AIRPORT DIAGRAM

AL-5063 (FAA)

PORTLAND-HILLSBORO (HIO)
PORTLAND, OREGON

AIRPORT DIAGRAM

09351

PORTLAND, OREGON
PORTLAND-HILLSBORO (HIO)

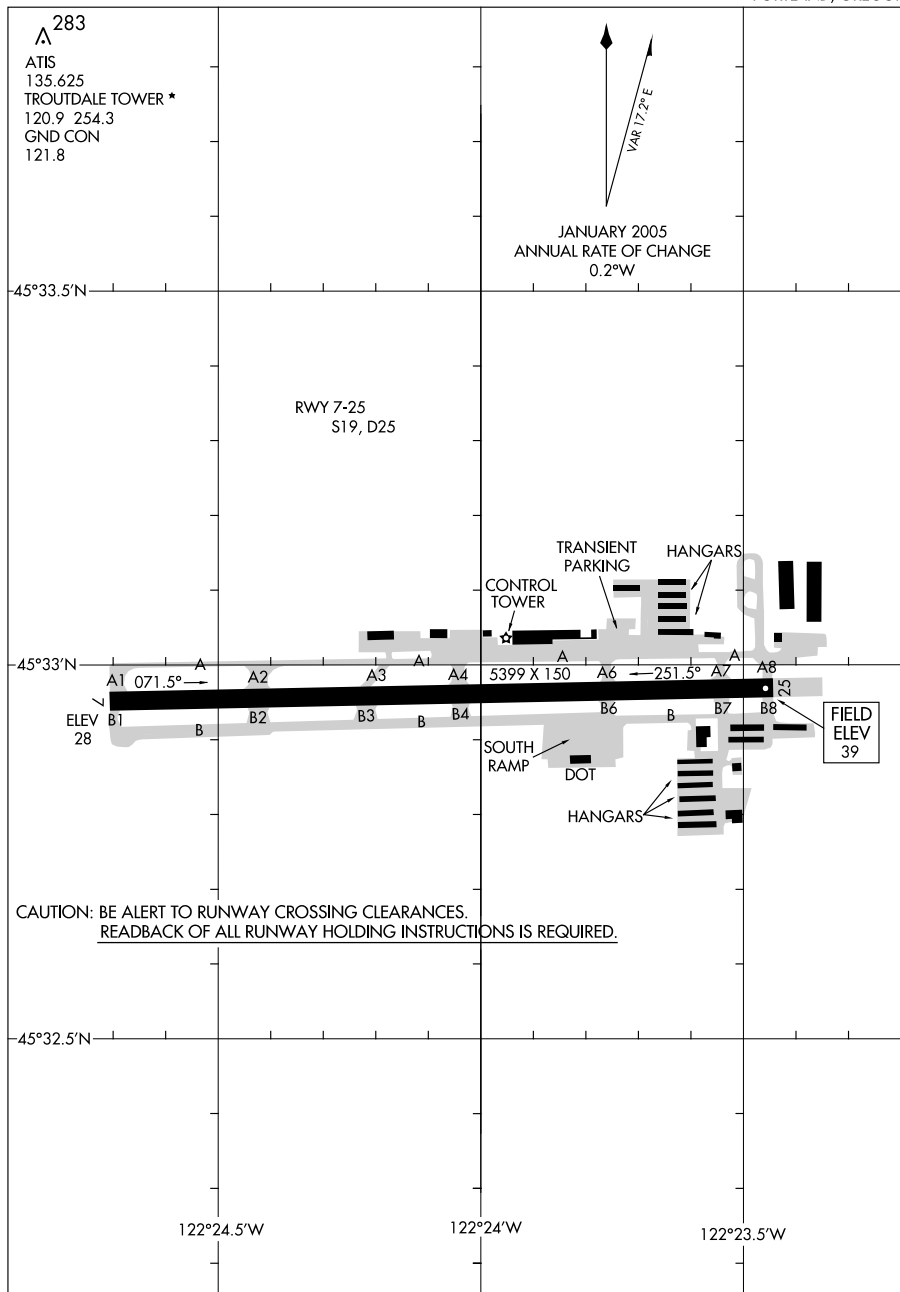
09127

AIRPORT DIAGRAM

AL-649 (FAA)

PORTLAND-TROUTDALE (TTD)

PORTLAND, OREGON



AIRPORT DIAGRAM

09127

PORTLAND, OREGON

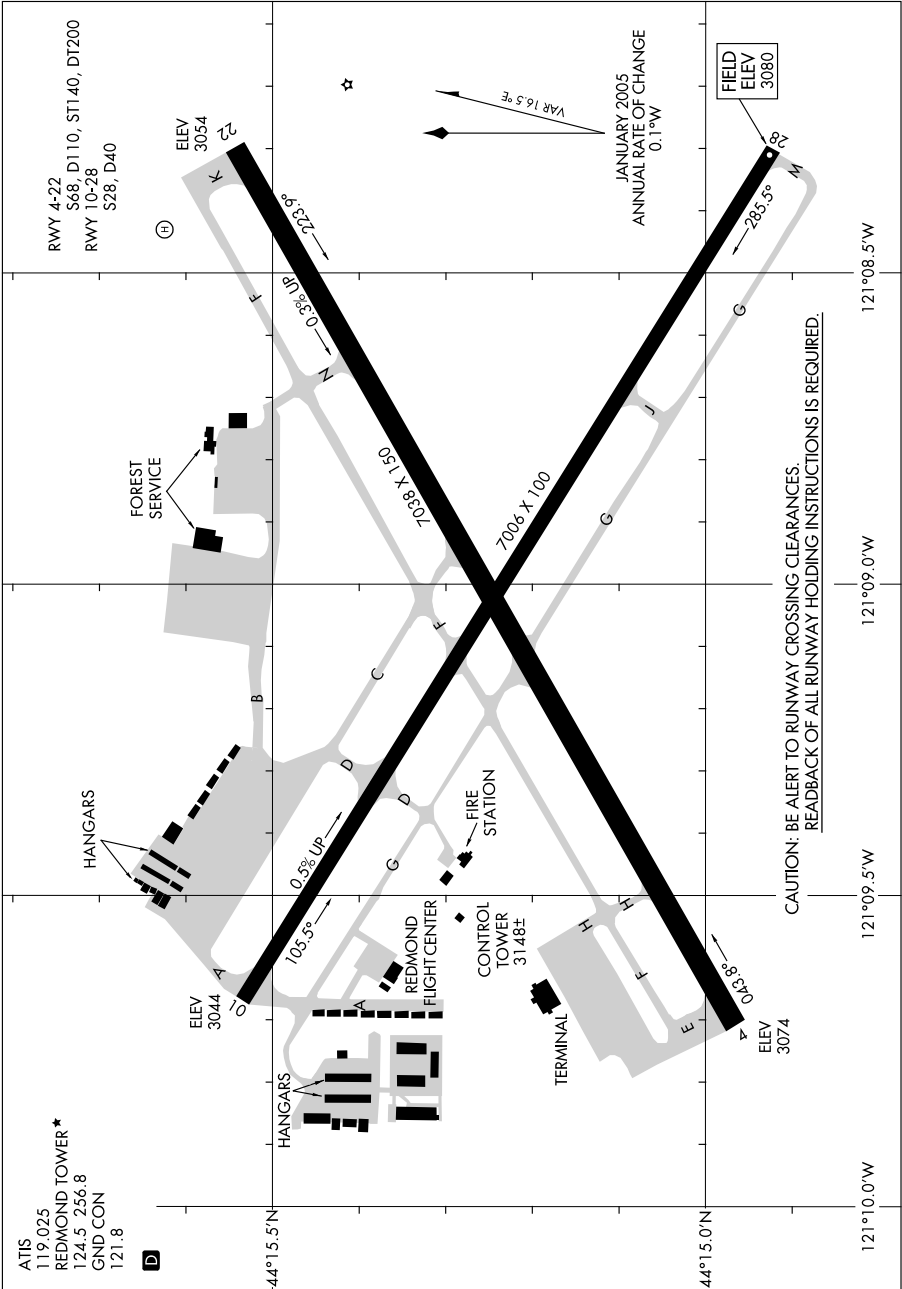
PORTLAND-TROUTDALE (TTD)

09351

AIRPORT DIAGRAM

AL-345 (FAA)

REDMOND/ ROBERTS FIELD (RDM)
REDMOND, OREGON



AIRPORT DIAGRAM

REDMOND, OREGON
REDMOND/ ROBERTS FIELD (RDM)

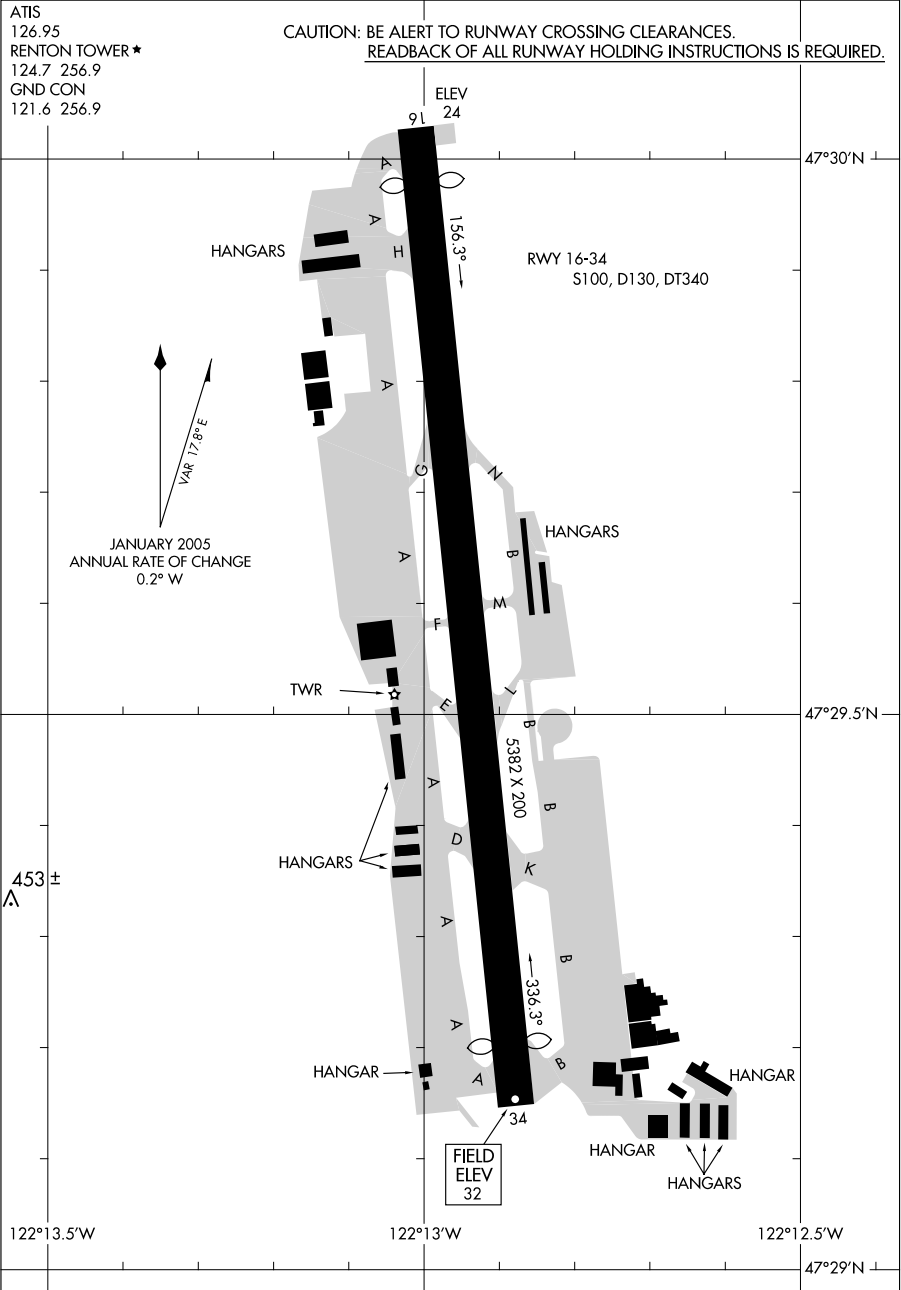
09351

09239

AIRPORT DIAGRAM

RENTON MUNI (RNT)
RENTON, WASHINGTON

AL-5396 (FAA)



AIRPORT DIAGRAM

RENTON, WASHINGTON
RENTON MUNI (RNT)

09239

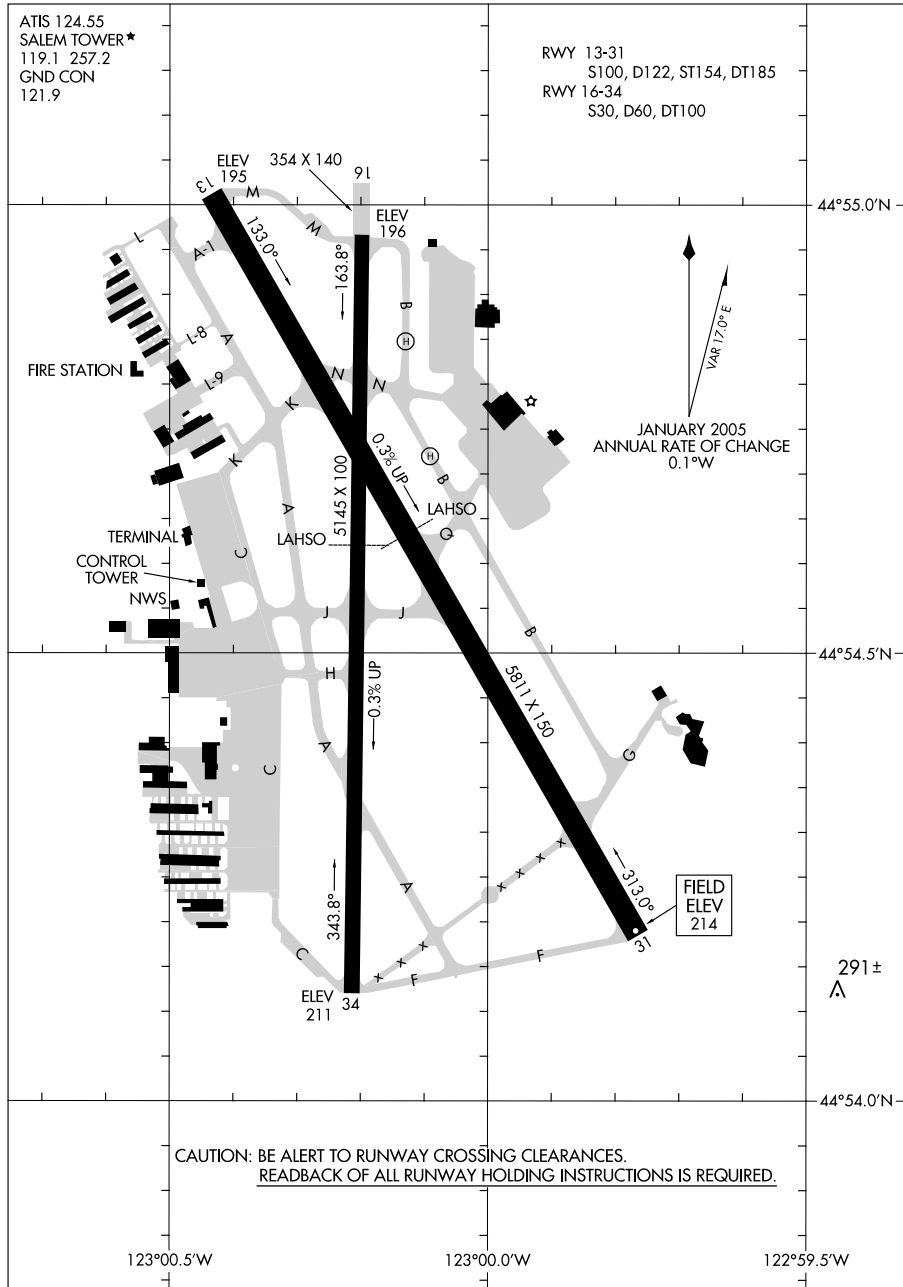
06215

AIRPORT DIAGRAM

AL-361 (FAA)

SALEM/MCINRY FIELD (SLE)

SALEM, OREGON



AIRPORT DIAGRAM

06215

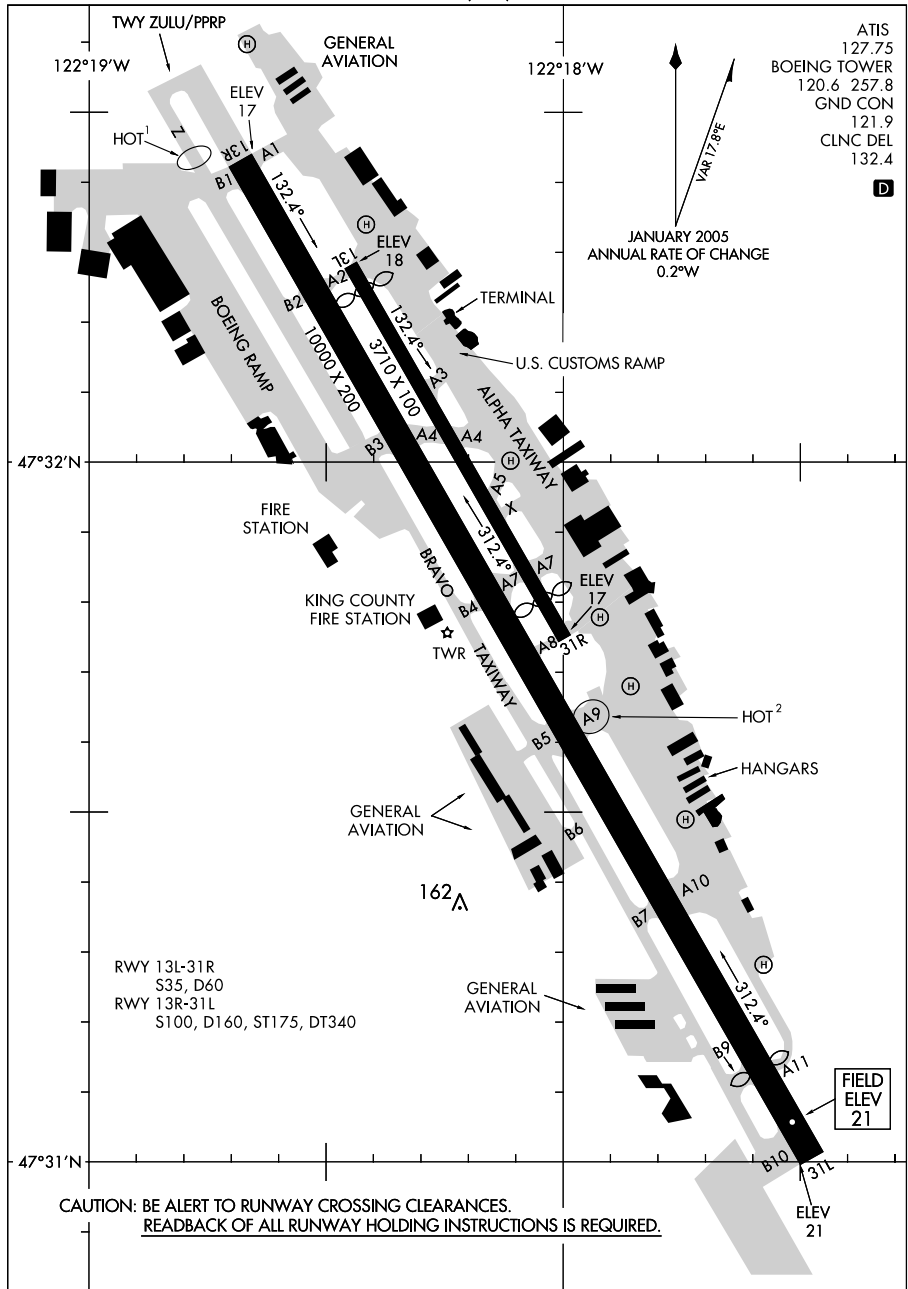
SALEM, OREGON

SALEM/MCINRY FIELD (SLE)

09239

AIRPORT DIAGRAM

SEATTLE/BOEING FIELD/KING COUNTY INTL (BFI)
AL-384 (FAA) SEATTLE, WASHINGTON



AIRPORT DIAGRAM

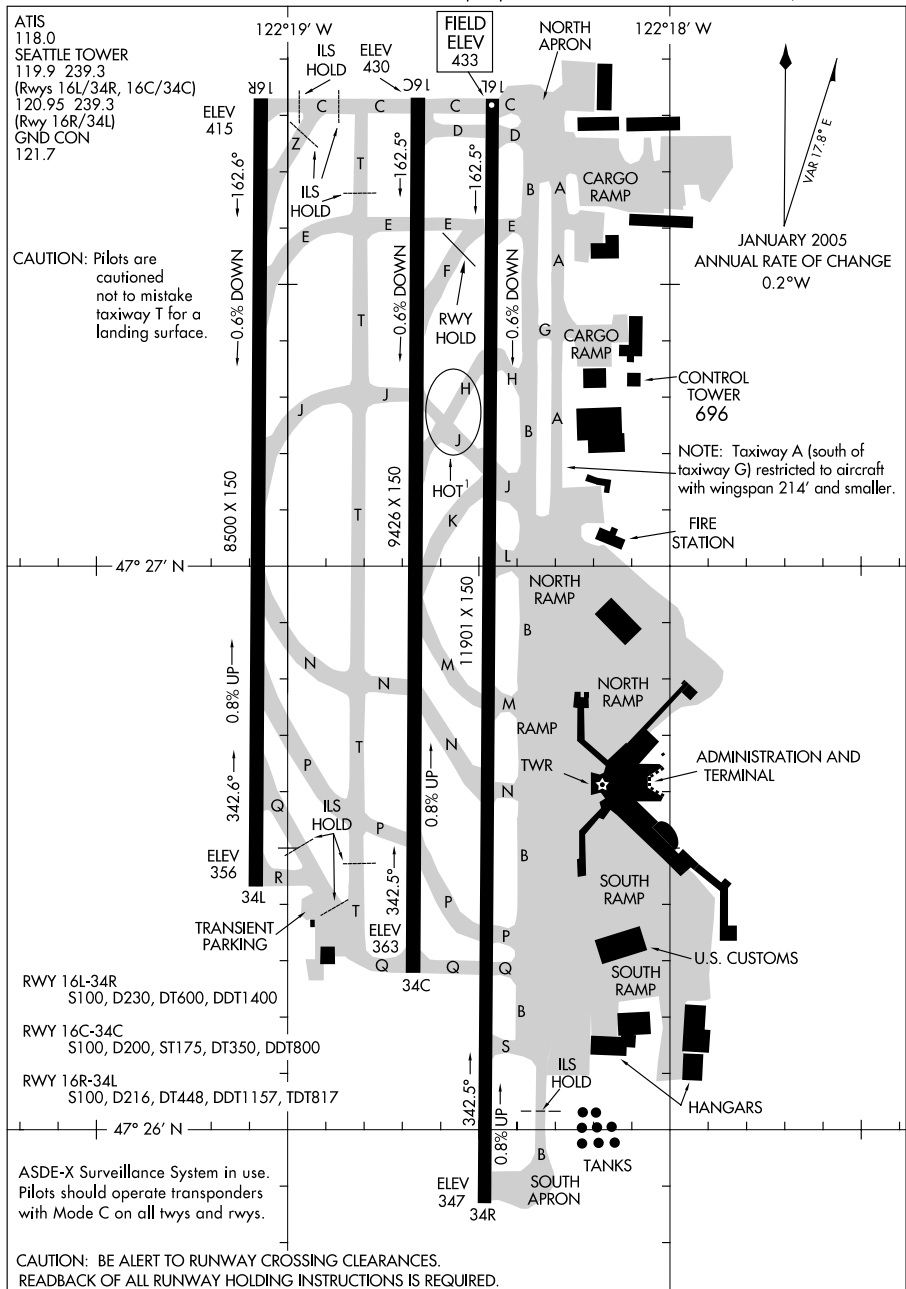
09239

SEATTLE, WASHINGTON
SEATTLE/BOEING FIELD/KING COUNTY INTL (BFI)

09351

AIRPORT DIAGRAM

SEATTLE-TACOMA INTL (SEA)
SEATTLE, WASHINGTON



AIRPORT DIAGRAM

09351

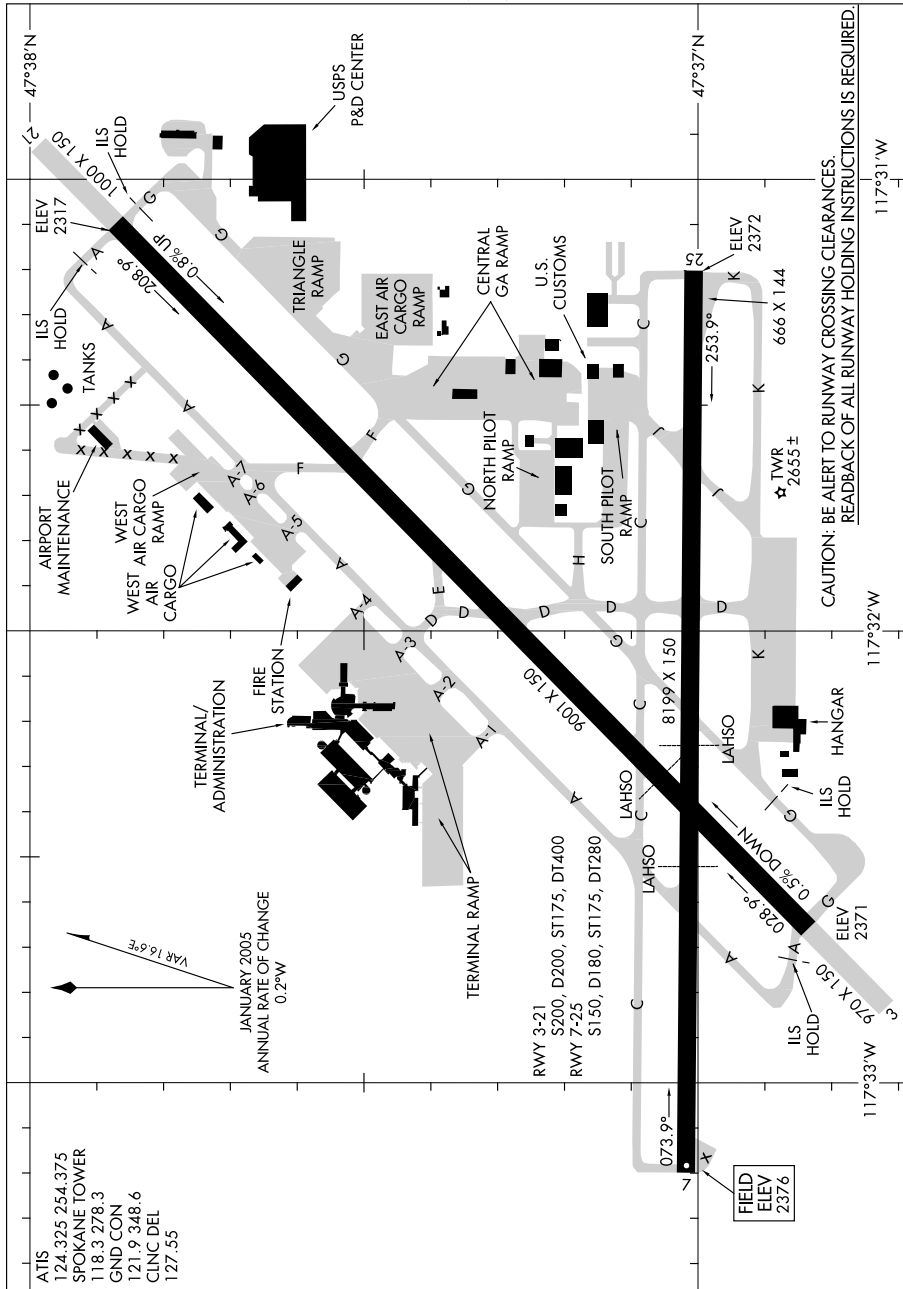
SEATTLE, WASHINGTON
SEATTLE-TACOMA INTL (SEA)

09351

AIRPORT DIAGRAM

AL-403 (FAA)

SPOKANE INTL (GEG)
SPOKANE, WASHINGTON



AIRPORT DIAGRAM

SPOKANE, WASHINGTON
SPOKANE INTL (GEG)

09351

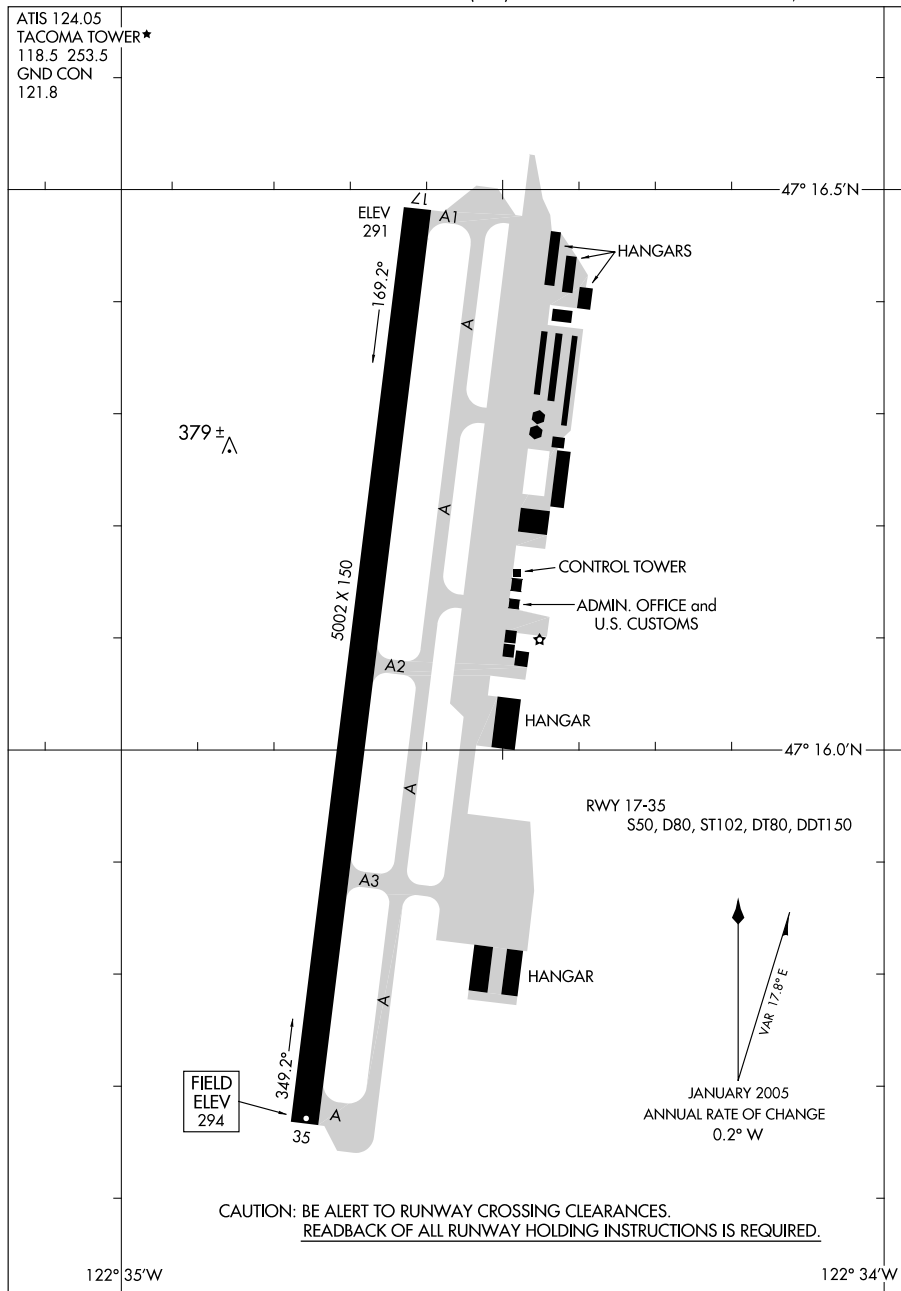
07074

AIRPORT DIAGRAM

AL-5186 (FAA)

TACOMA NARROWS (TIW)
TACOMA, WASHINGTON

ATIS 124.05
TACOMA TOWER★
118.5 253.5
GND CON
121.8



AIRPORT DIAGRAM

07074

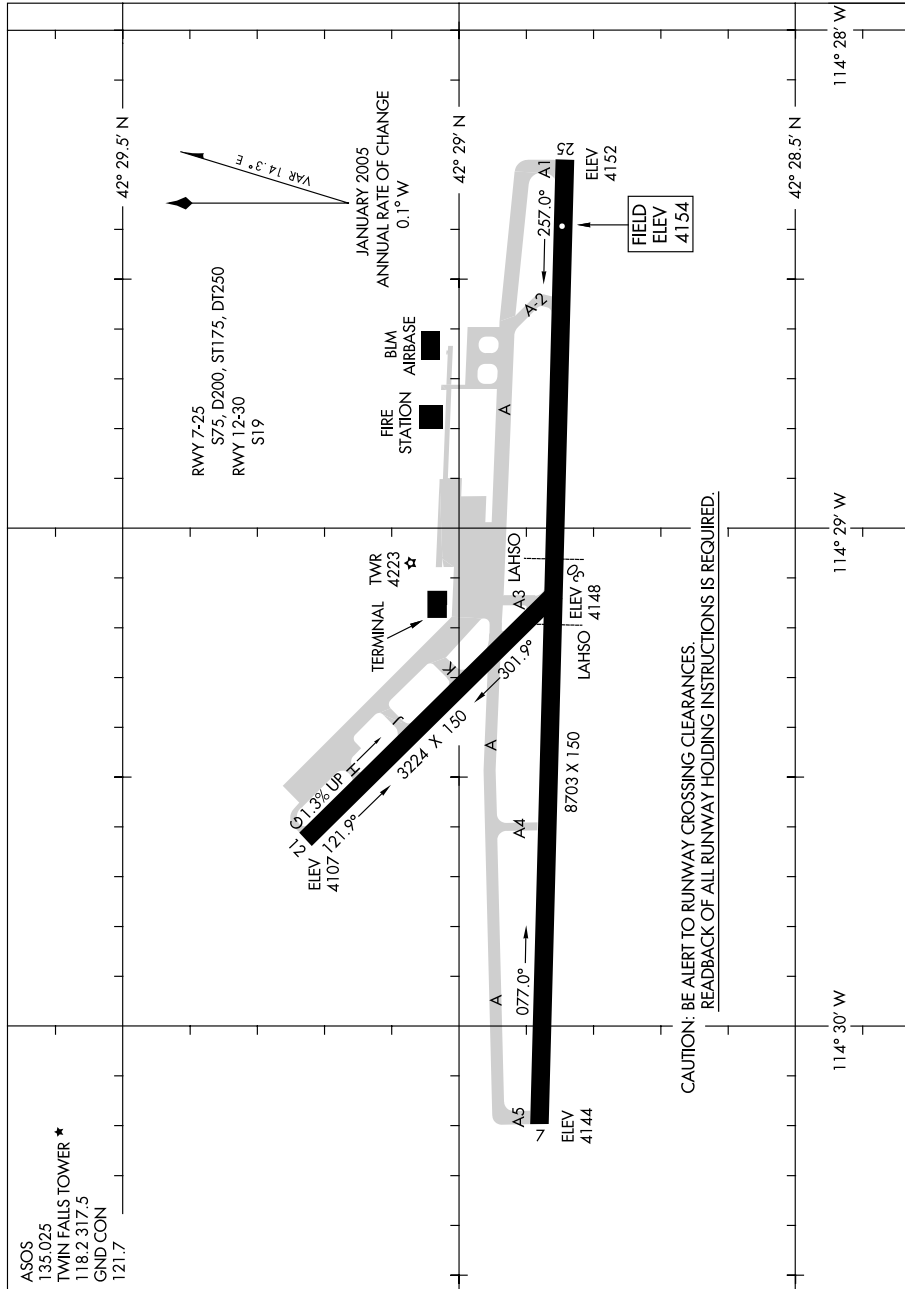
TACOMA, WASHINGTON
TACOMA NARROWS (TIW)

09239

AIRPORT DIAGRAM

TWIN FALLS/JOSLIN FIELD-MAGIC VALLEY RGNL (TWF)
AL-885 (FAA)

TWIN FALLS, IDAHO



AIRPORT DIAGRAM

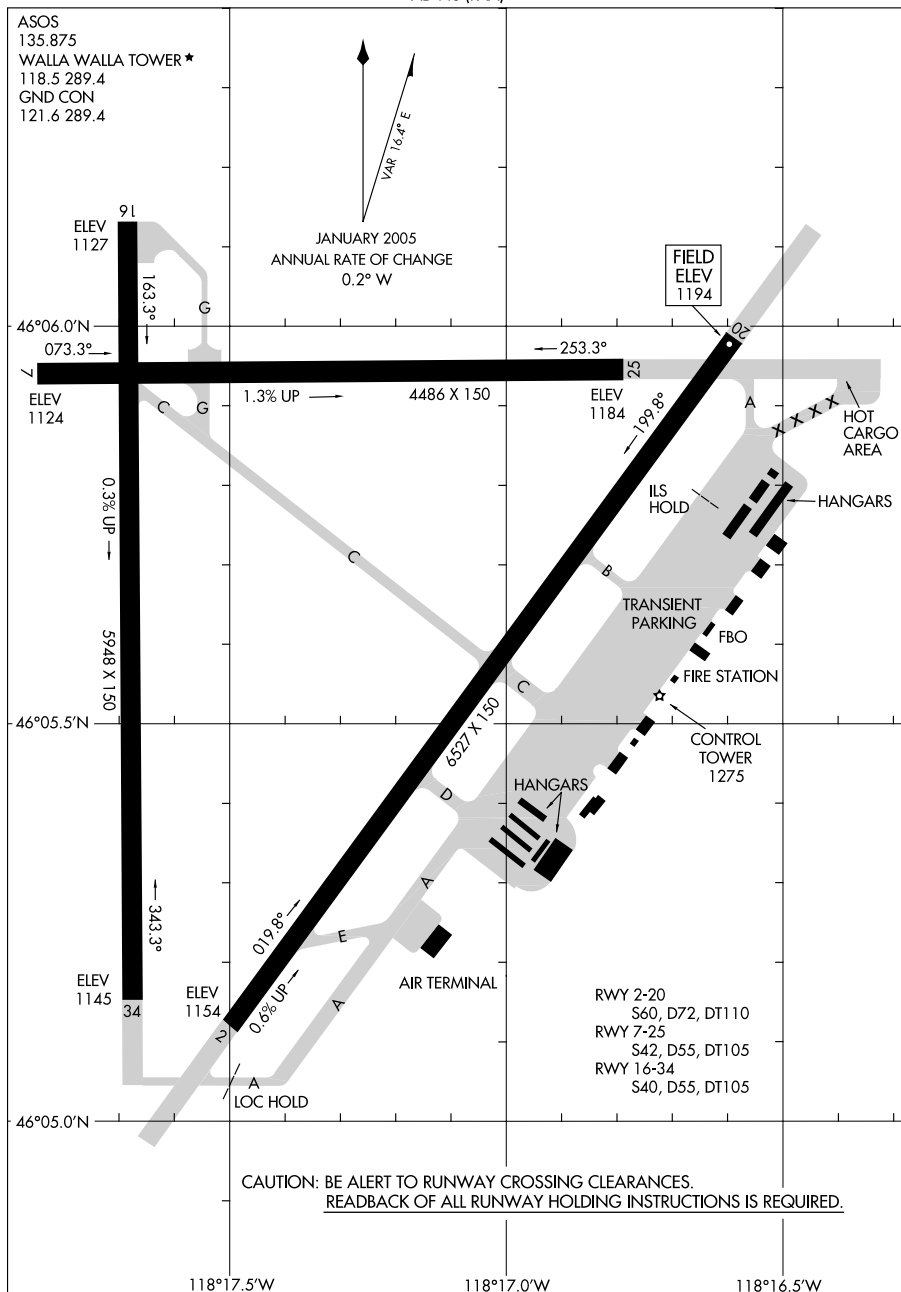
09239

TWIN FALLS, IDAHO
TWIN FALLS/JOSLIN FIELD-MAGIC VALLEY RGNL (TWF)

09127

AIRPORT DIAGRAM

AL-440 (FAA)

WALLA WALLA RGNL (A1,W)
WALLA WALLA, WASHINGTON

AIRPORT DIAGRAM

09127

WALLA WALLA, WASHINGTON
WALLA WALLA RGNL (A1,W)

08101

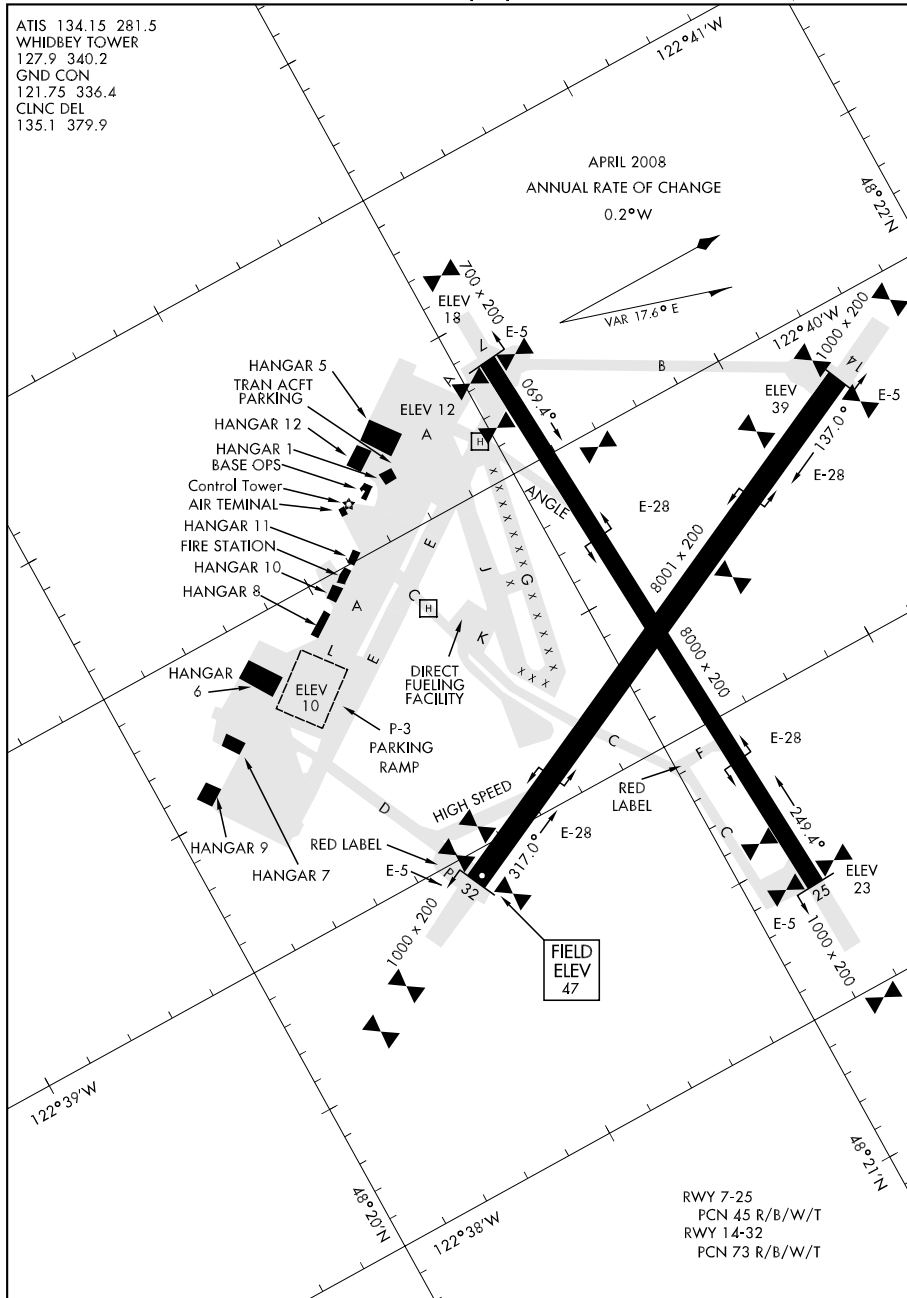
WHIDBEY ISLAND NAS (AULT FLD) (KNUW)

AIRPORT DIAGRAM

AFD-451 [USN]

OAK HARBOR, WASHINGTON

ATIS 134.15 281.5
 WHIDBEY TOWER
 127.9 340.2
 GND CON
 121.75 336.4
 CLNC DEL
 135.1 379.9



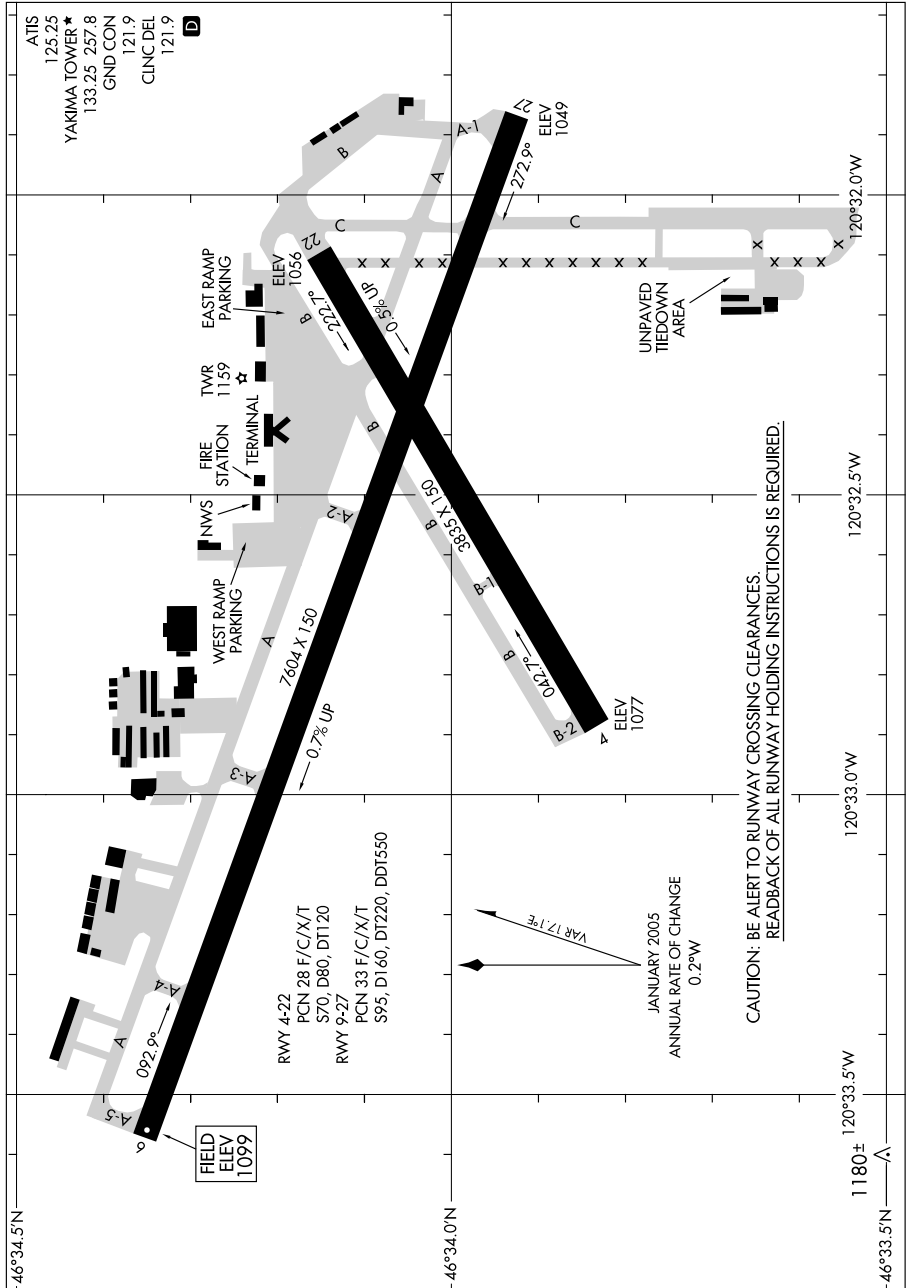
AIRPORT DIAGRAM

OAK HARBOR, WASHINGTON

WHIDBEY ISLAND NAS (AULT FLD) (KNUW)

09351

AIRPORT DIAGRAM

YAKIMA AIR TERMINAL/MCALLISTER FIELD (YKM)
AL-465 (FAA) YAKIMA, WASHINGTON

AIRPORT DIAGRAM

YAKIMA, WASHINGTON
YAKIMA AIR TERMINAL/MCALLISTER FIELD (YKM)

09351

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